

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063941.D
 Acq On : 11 Oct 2019 17:08
 Operator : VA/SY
 Sample : K5325-07
 Misc : 3.77G/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-F

Quant Time: Oct 12 01:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	6948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	11402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	10850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5503	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	5655	83.60	ug/l	0.00
Spiked Amount			Recovery	=	167.20%	
35) Dibromofluoromethane	7.91	113	4165	59.77	ug/l	0.00
Spiked Amount			Recovery	=	119.54%	
50) Toluene-d8	10.34	98	13803	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.63	95	4580	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	283	Below Cal	#	1
8) Diethyl Ether	3.73	74	73	2.160	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.00	101	70	1.201	ug/l #	16
11) Tert butyl alcohol	5.51	59	71	7.323	ug/l #	71
12) 1,1-Dichloroethene	3.86	96	62	1.065	ug/l #	1
13) Acrolein	3.90	56	115	19.035	ug/l #	17
15) Acrylonitrile	5.41	53	54	3.624	ug/l #	17
16) Acetone	4.14	43	190	10.788	ug/l #	1
18) Methyl Acetate	4.71	43	84	2.439	ug/l #	49
20) Methylene Chloride	4.81	84	85	Below Cal	#	7
25) 2-Butanone	7.23	43	153	7.331	ug/l #	51
28) Bromochloromethane	7.49	49	64	3.195	ug/l #	10
29) Tetrahydrofuran	7.59	42	241	19.783	ug/l #	31
31) Cyclohexane	7.99	56	268	Below Cal	#	12
36) 1,1-Dichloropropene	7.99	75	651	6.245	ug/l #	41
37) Ethyl Acetate	7.35	43	63	Below Cal	#	68
38) Carbon Tetrachloride	7.99	117	628	5.961	ug/l #	15
41) Methacrylonitrile	7.52	41	86	3.558	ug/l #	14
43) Isopropyl Acetate	8.47	43	135	1.544	ug/l #	39
44) Trichloroethene	9.38	130	96	1.114	ug/l	6
46) Dibromomethane	9.29	93	58	1.393	ug/l #	3
48) Methyl methacrylate	9.47	41	143	3.414	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	202	4.455	ug/l #	81
55) 1,1,2-Trichloroethane	10.81	97	205	3.486	ug/l #	14
57) 1,3-Dichloropropane	10.68	76	131	1.302	ug/l #	55
58) 2-Chloroethyl Vinyl ether	9.91	63	85	2.656	ug/l #	44
59) 2-Hexanone	10.98	43	218	6.646	ug/l #	24
74) N-amyl acetate	12.28	43	447	5.612	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.73	83	201	3.122	ug/l #	40
76) 1,2,3-Trichloropropane	12.63	75	3089	83.809	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	3089	148.308	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.51	75	84	6.248	ug/l #	33

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QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration

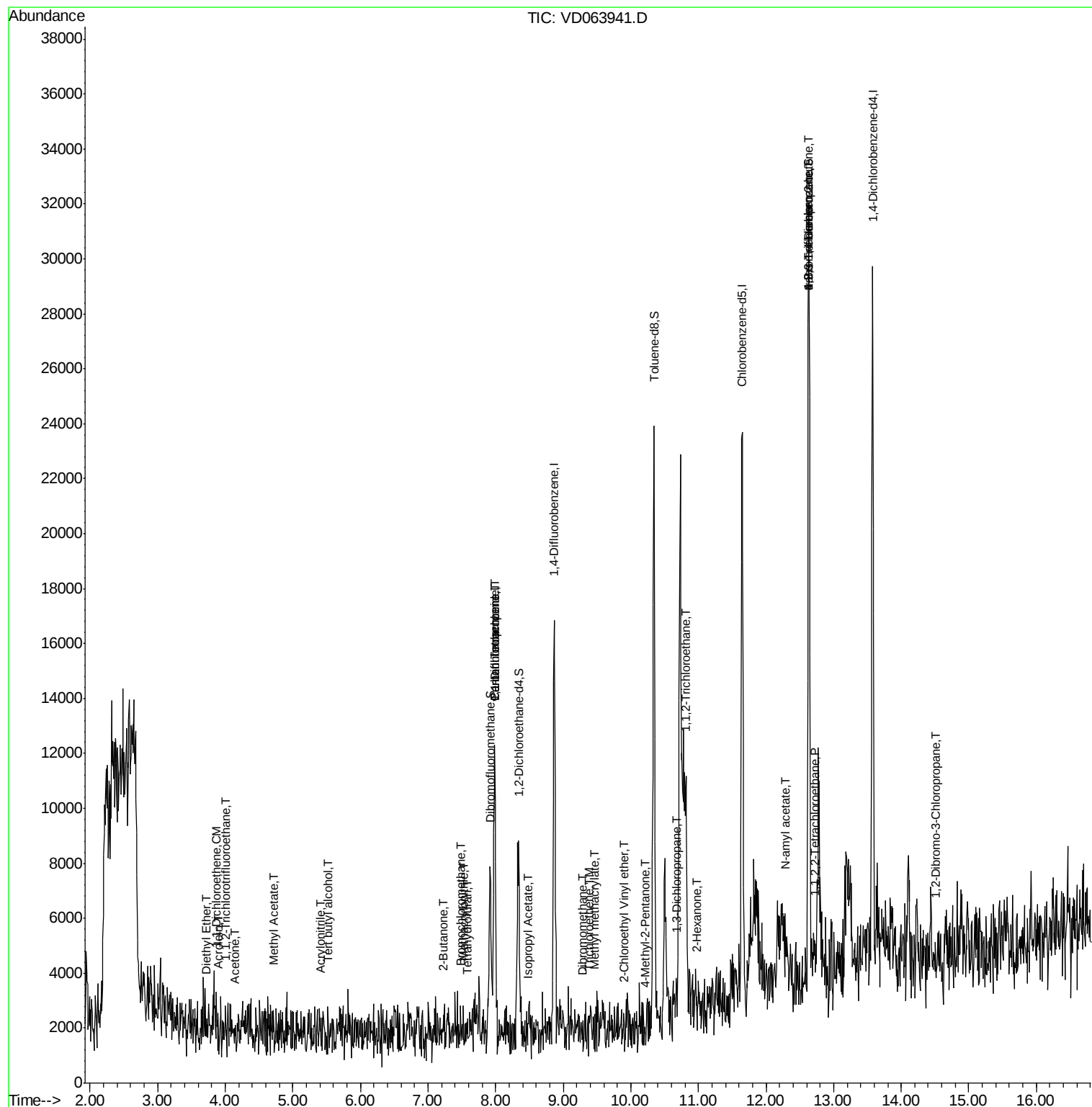
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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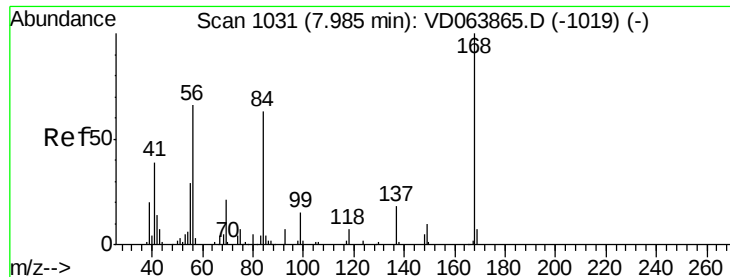
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

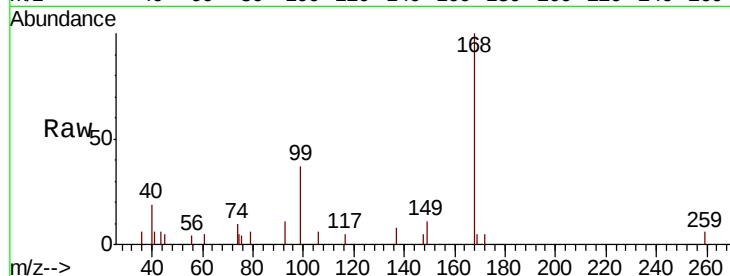
10-10-F

Tot Ion:168 Resp: 6948

Ion Ratio Lower Upper

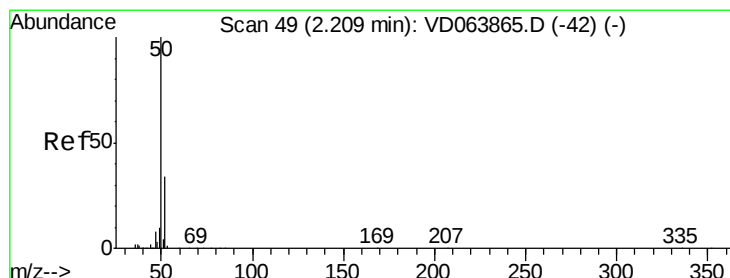
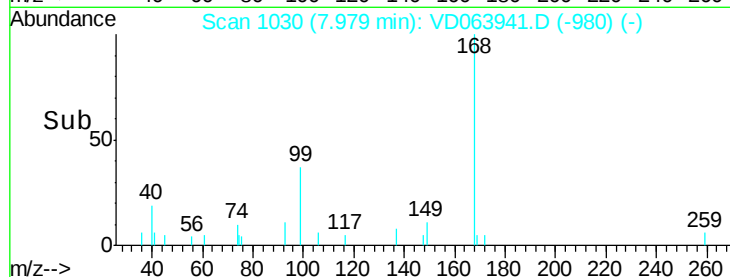
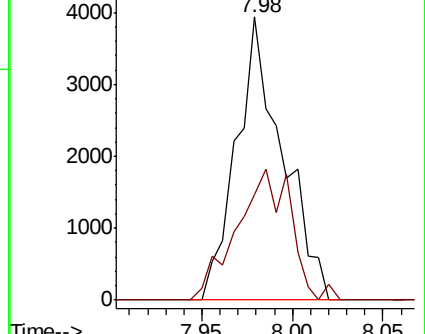
168 100

99 37.4 43.0 64.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 47

Delta R.T. -0.01 min

Lab File: VD063941.D

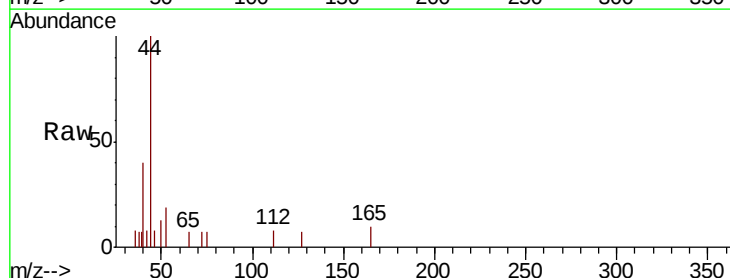
Acq: 11 Oct 2019 17:08

Tgt Ion: 50 Resp: 283

Ion Ratio Lower Upper

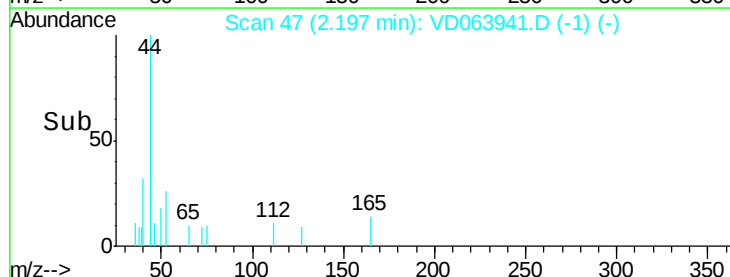
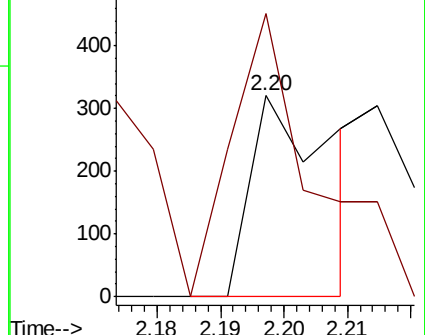
50 100

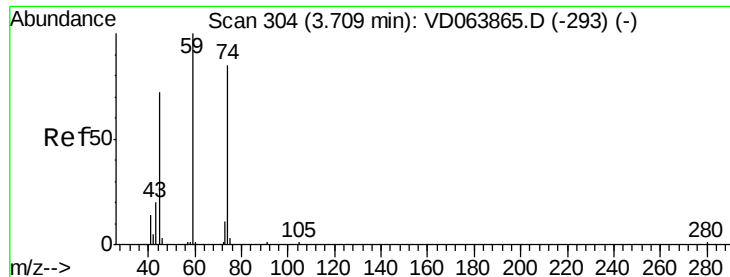
52 140.9 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#8

Diethyl Ether

Concen: 2.160 ug/l

RT: 3.73 min Scan# 308

Delta R.T. 0.02 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

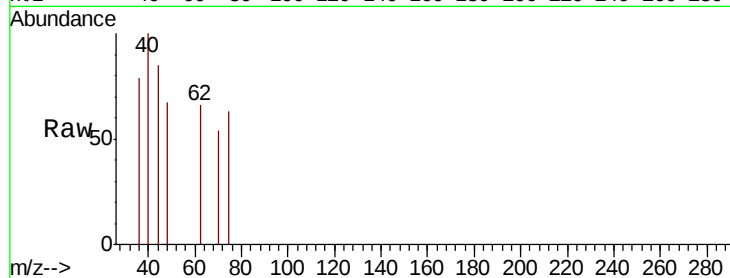
10-10-F

Tot Ion: 74 Resp: 73

Ion Ratio Lower Upper

74 100

45 91.8 48.1 144.4



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.73

200

150

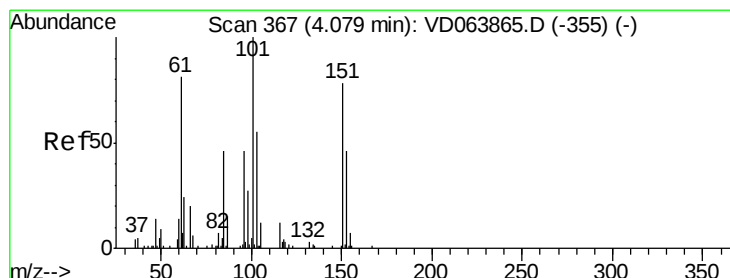
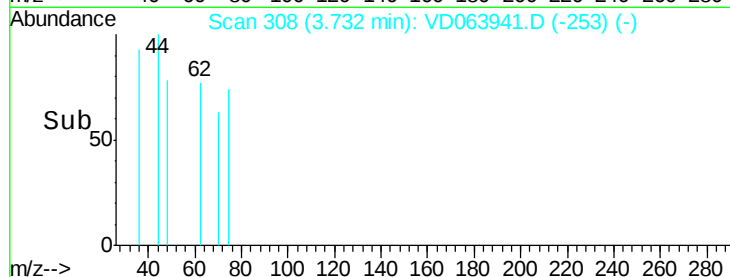
100

50

0

3.71 3.72 3.73 3.74 3.75

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.201 ug/l

RT: 4.00 min Scan# 354

Delta R.T. -0.08 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

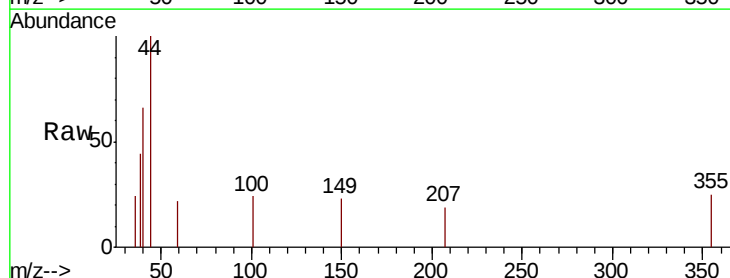
Tgt Ion: 101 Resp: 70

Ion Ratio Lower Upper

101 100

85 0.0 37.5 56.3#

151 0.0 65.5 98.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VDC

Ion 150.80 (150.50 to 151.50): V

250

200

150

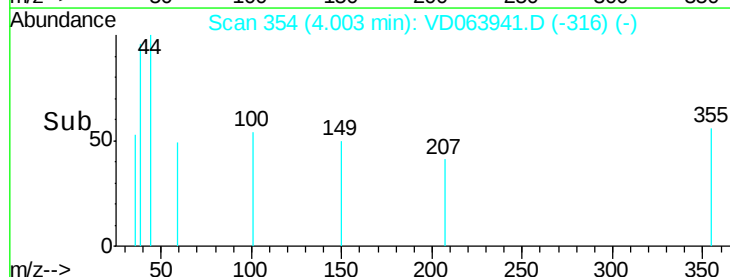
100

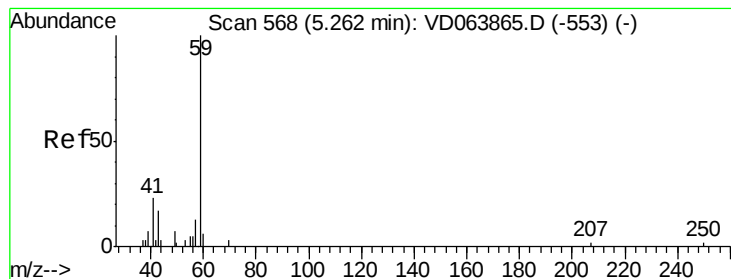
50

0

3.98 3.99 4.00 4.01 4.02

Time-->



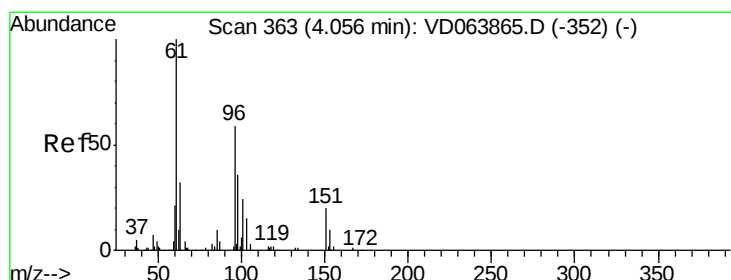
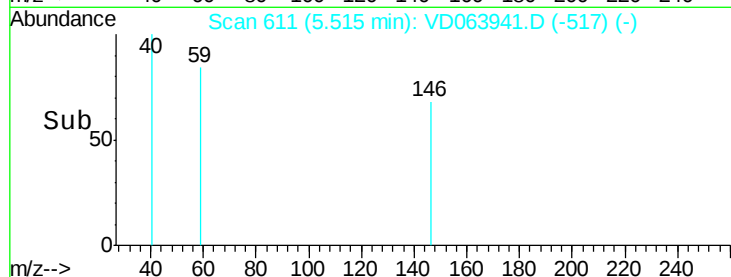
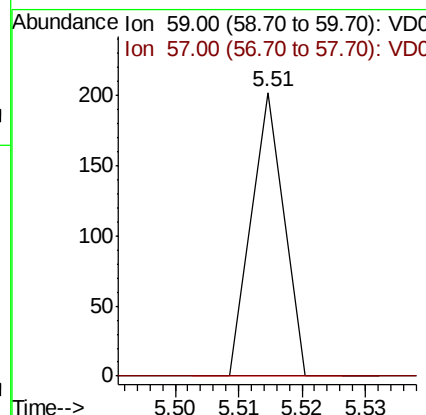
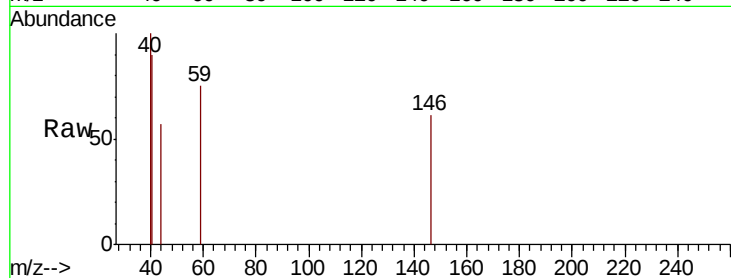


#11

Tert butyl alcohol
 Concen: 7.323 ug/l
 RT: 5.51 min Scan# 611
 Delta R.T. 0.25 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

Instrument :
 MSVOA_D
 ClientSampled :
 10-10-F

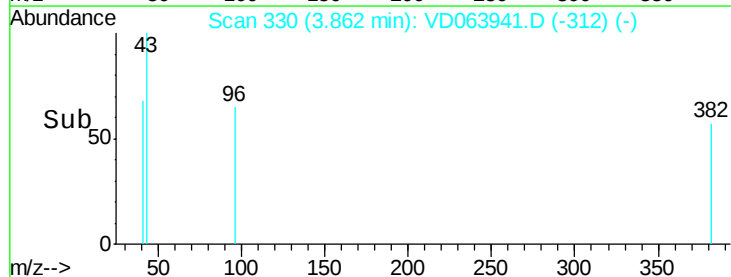
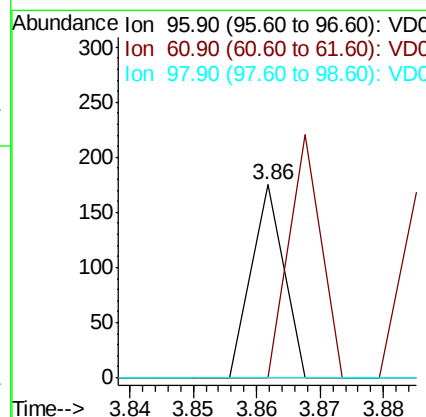
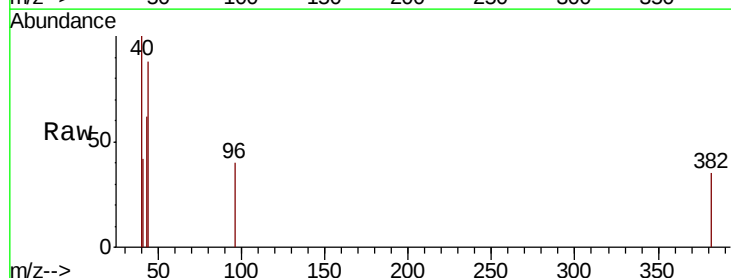
Tot Ion: 59 Resp: 71
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

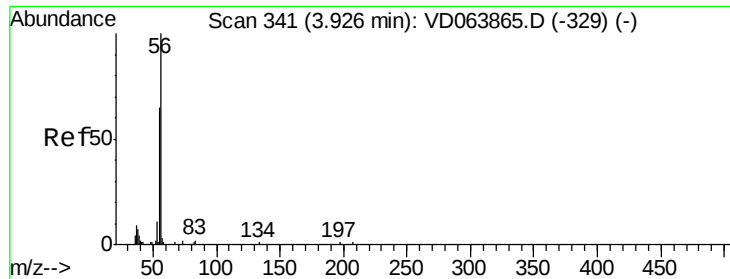


#12

1,1-Dichloroethene
 Concen: 1.065 ug/l
 RT: 3.86 min Scan# 330
 Delta R.T. -0.19 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

Tgt Ion: 96 Resp: 62
 Ion Ratio Lower Upper
 96 100
 61 0.0 135.6 203.4#
 98 0.0 49.2 73.8#





#13

Acrolein

Concen: 19.035 ug/l

RT: 3.90 min Scan# 336

Delta R.T. -0.03 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampled :

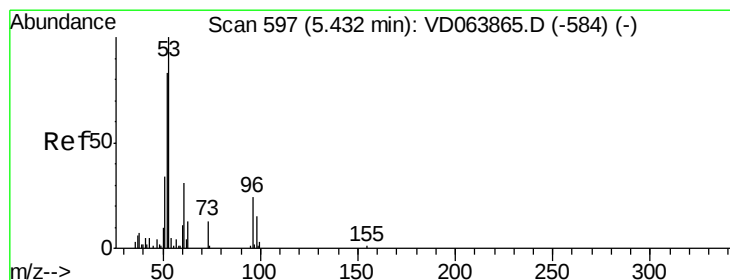
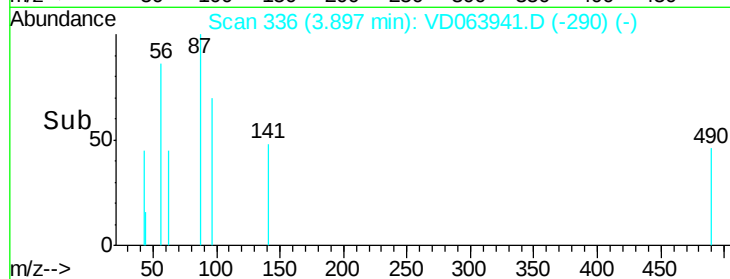
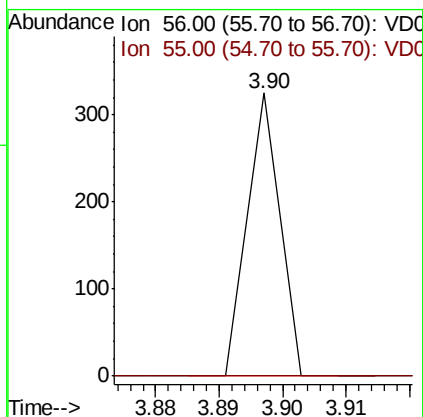
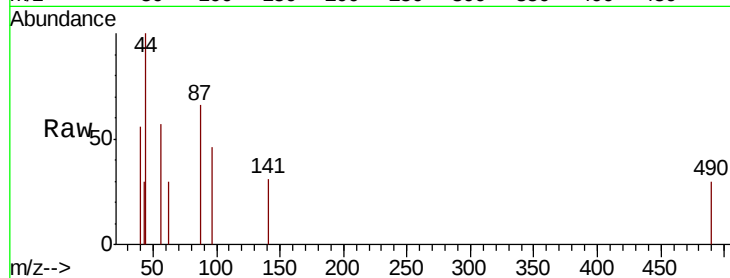
10-10-F

Tot Ion: 56 Resp: 115

Ion Ratio Lower Upper

56 100

55 0.0 53.0 79.6#



#15

Acrylonitrile

Concen: 3.624 ug/l

RT: 5.41 min Scan# 593

Delta R.T. -0.02 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

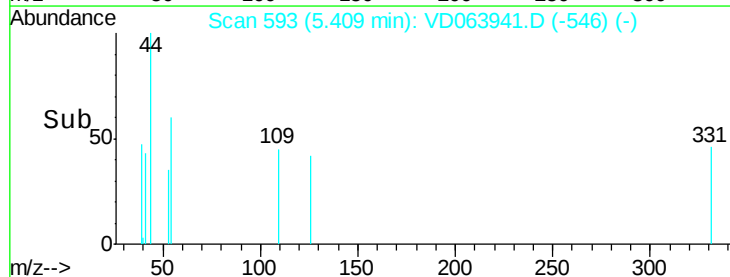
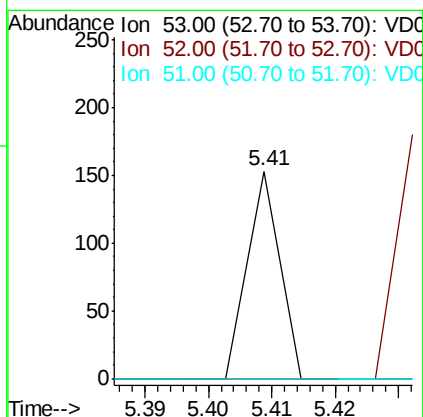
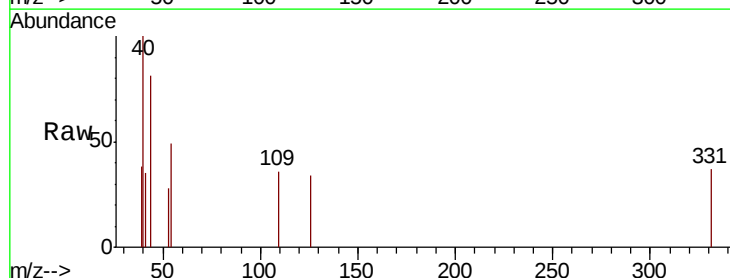
Tgt Ion: 53 Resp: 54

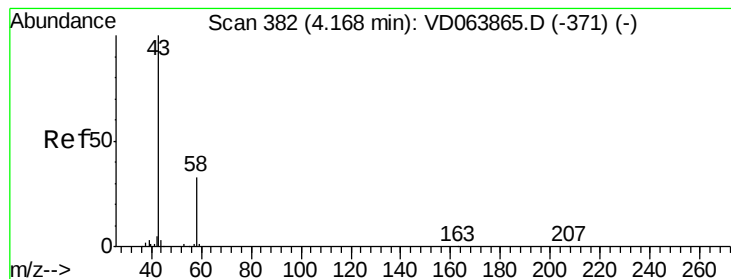
Ion Ratio Lower Upper

53 100

52 0.0 67.3 100.9#

51 0.0 30.5 45.7#





#16

Acetone

Concen: 10.788 ug/l

RT: 4.14 min Scan# 378

Delta R.T. -0.02 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

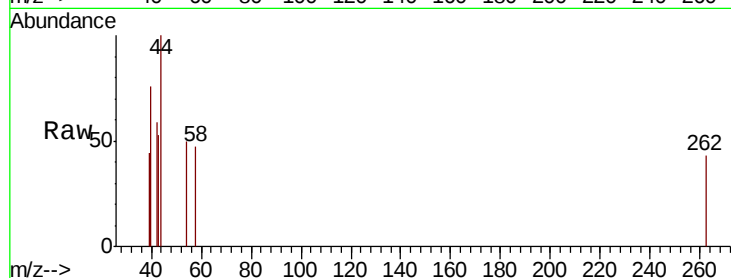
10-10-F

Tot Ion: 43 Resp: 190

Ion Ratio Lower Upper

43 100

58 89.3 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.14

200

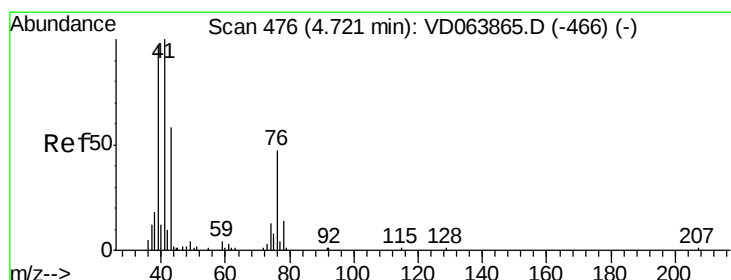
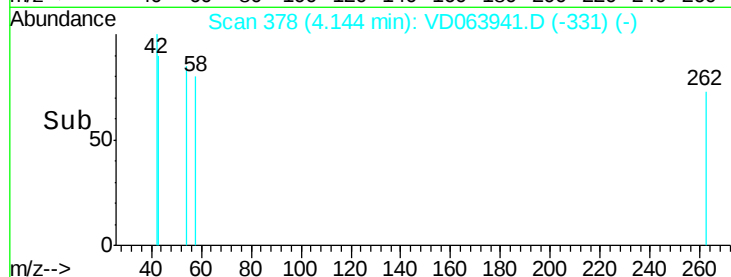
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: 2.439 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD063941.D

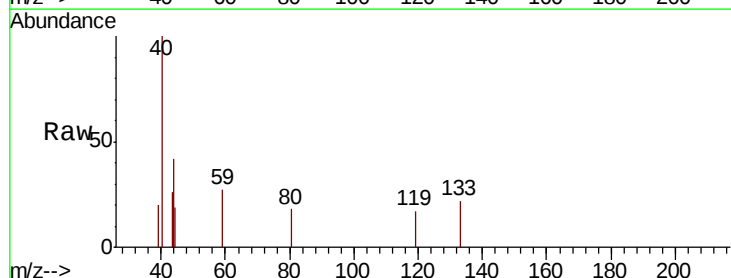
Acq: 11 Oct 2019 17:08

Tgt Ion: 43 Resp: 84

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

250

200

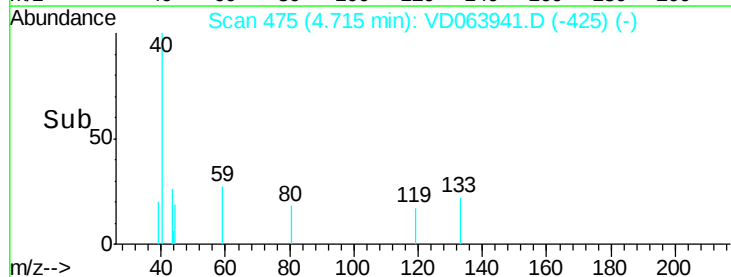
150

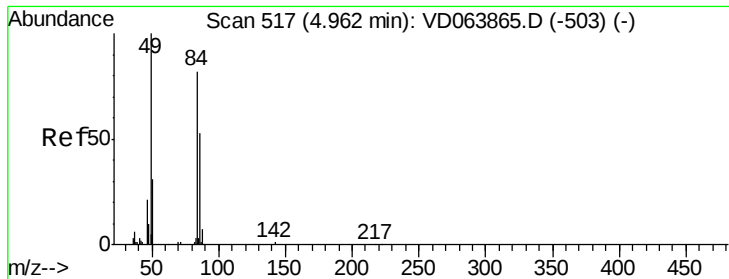
100

50

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.81 min Scan# 492

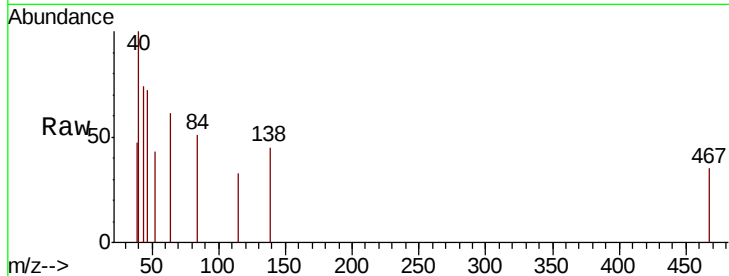
Delta R.T. -0.15 min

Lab File: VD063941.D

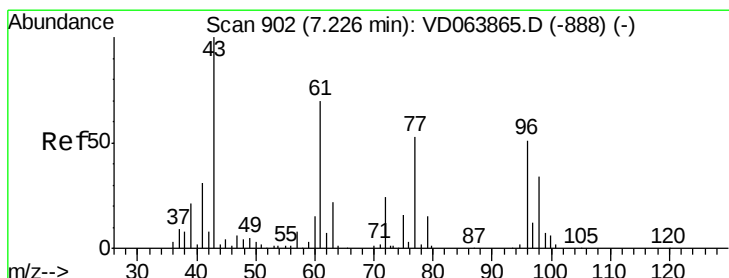
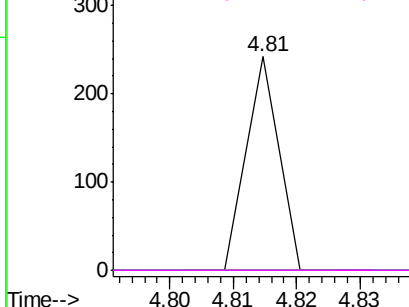
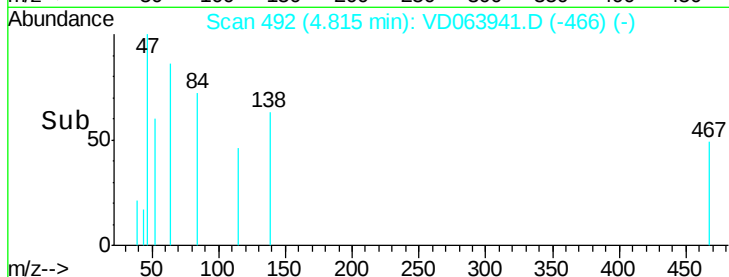
Acq: 11 Oct 2019 17:08

Instrument :
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ClientSampleId :
10-10-F

Tot Ion:	84	Resp:	85
Ion	Ratio	Lower	Upper
84	100		
49	0.0	97.3	145.9#
51	0.0	30.1	45.1#
86	0.0	51.4	77.2#



Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



#25

2-Butanone

Concen: 7.331 ug/l

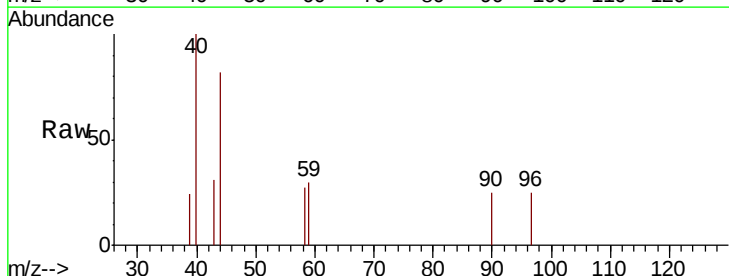
RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

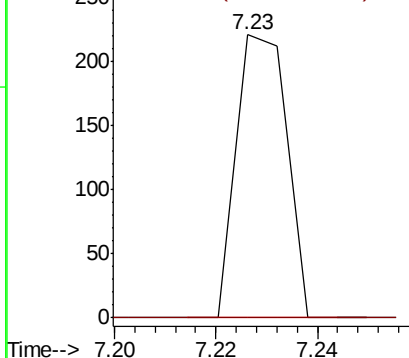
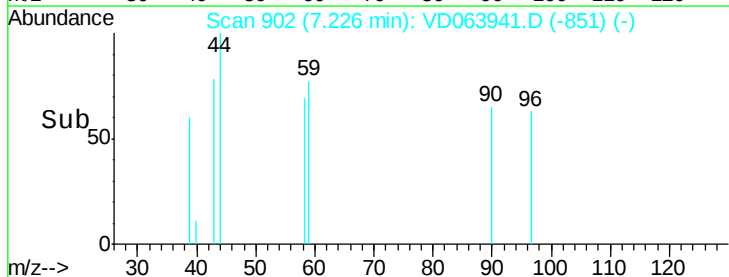
Lab File: VD063941.D

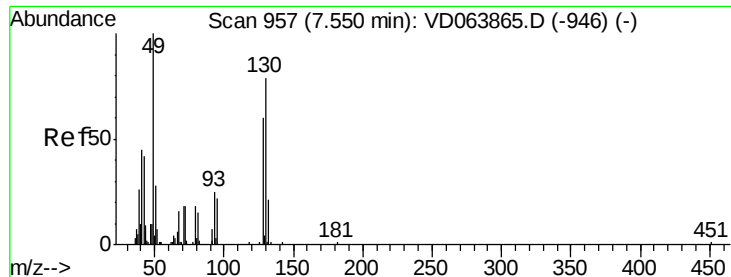
Acq: 11 Oct 2019 17:08

Tgt Ion:	43	Resp:	153
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

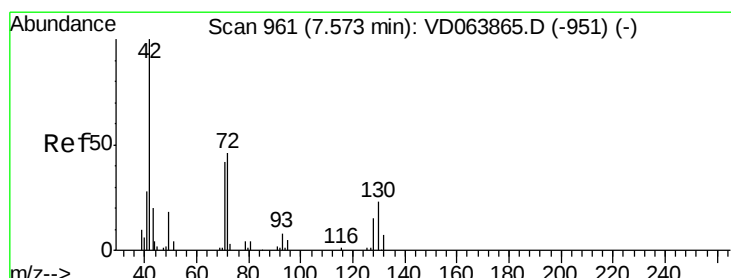
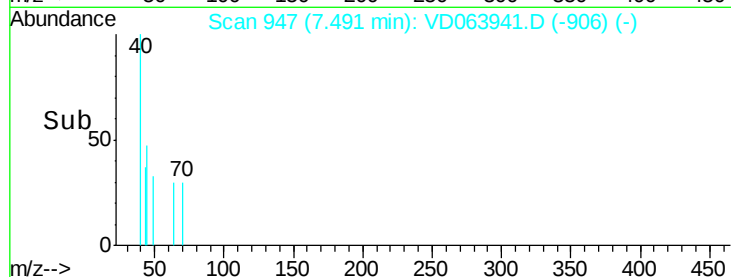
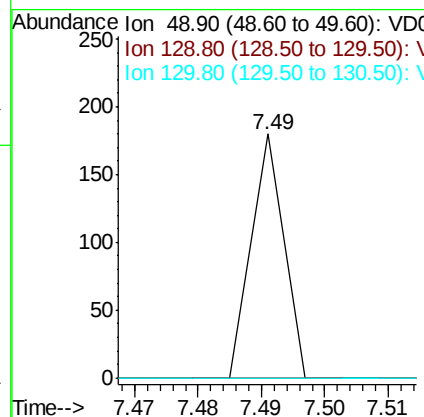
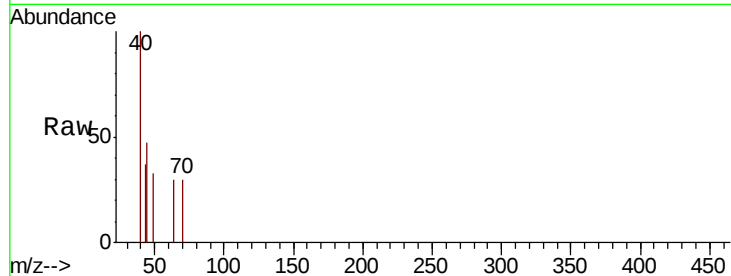




#28
Bromochloromethane
Concen: 3.195 ug/l
RT: 7.49 min Scan# 947
Delta R.T. -0.06 min
Lab File: VD063941.D
Acq: 11 Oct 2019 17:08

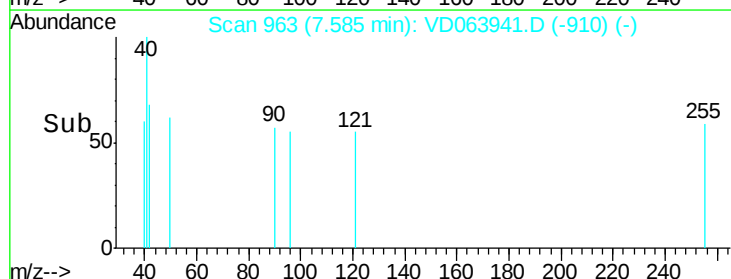
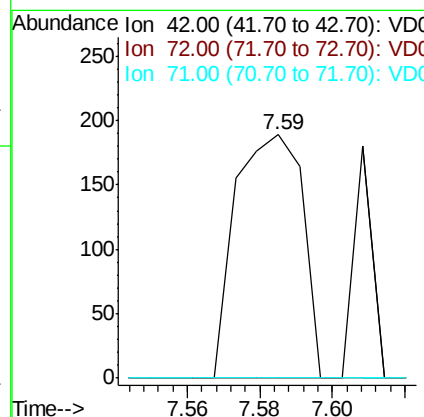
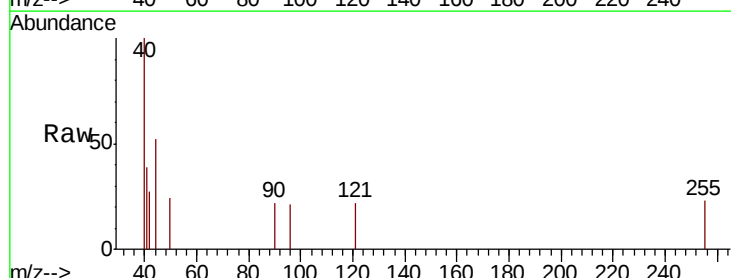
Instrument :
MSVOA_D
ClientSampleId :
10-10-F

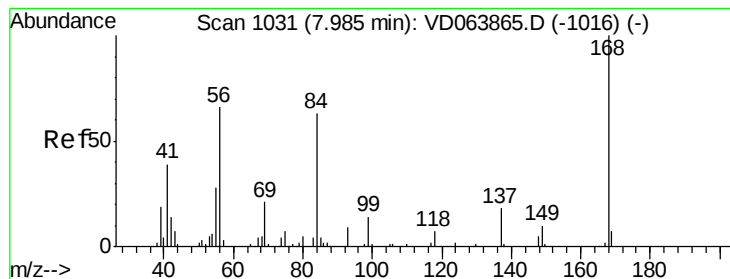
Tot Ion: 49 Resp: 64
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.6
130 0.0 66.8 100.2#



#29
Tetrahydrofuran
Concen: 19.783 ug/l
RT: 7.59 min Scan# 963
Delta R.T. 0.01 min
Lab File: VD063941.D
Acq: 11 Oct 2019 17:08

Tgt Ion: 42 Resp: 241
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 0.0 35.0 52.6#





#31

Cyclohexane

Concen: Below Cal

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

10-10-F

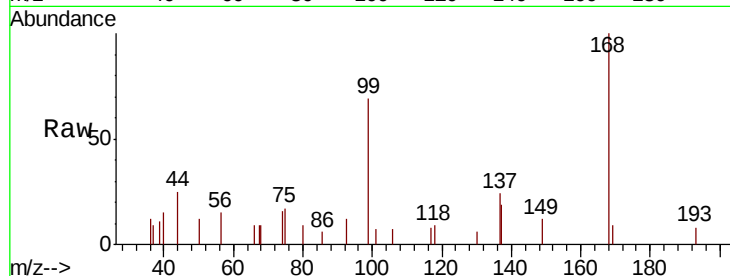
Tot Ion: 56 Resp: 268

Ion Ratio Lower Upper

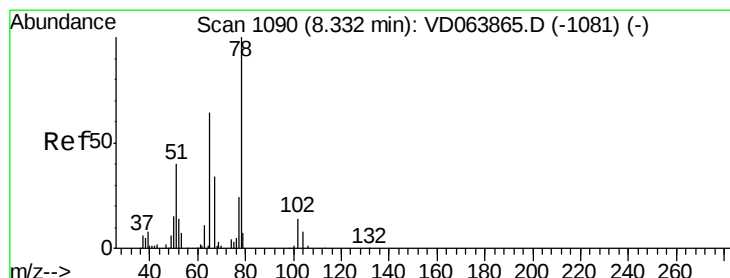
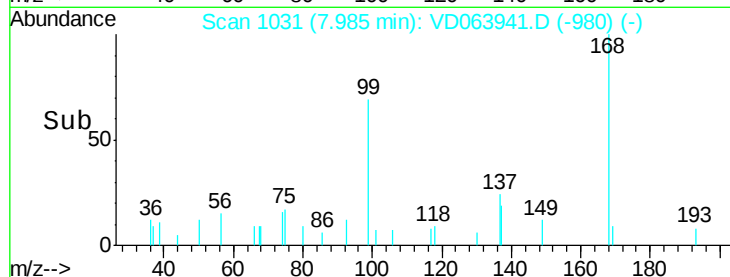
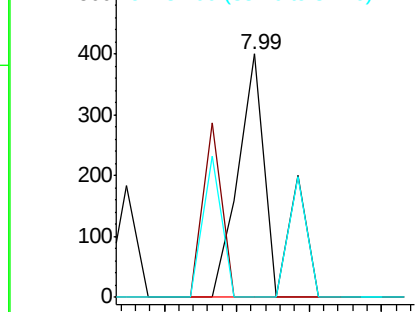
56 100

69 0.0 25.0 37.4#

84 0.0 76.3 114.5#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 83.599 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063941.D

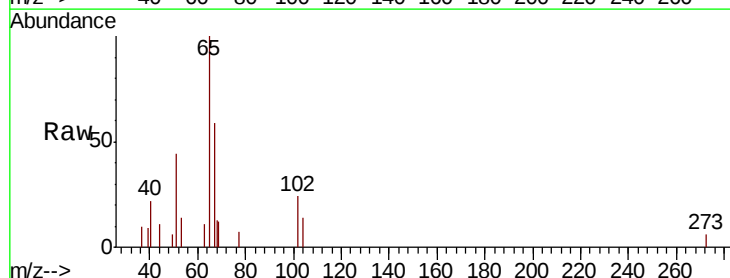
Acq: 11 Oct 2019 17:08

Tgt Ion: 65 Resp: 5655

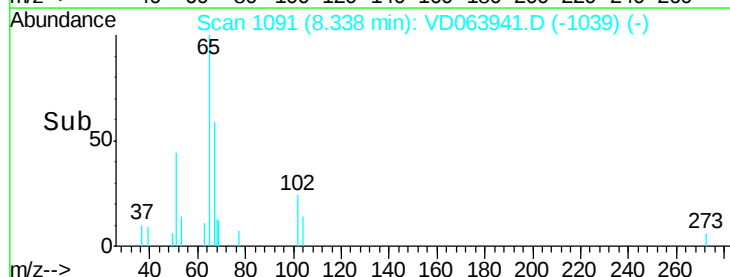
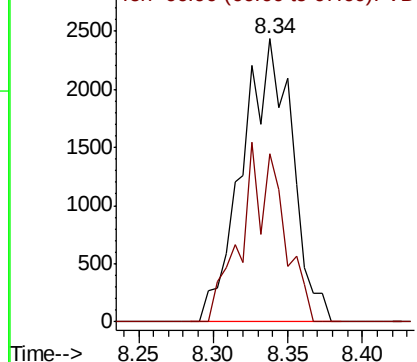
Ion Ratio Lower Upper

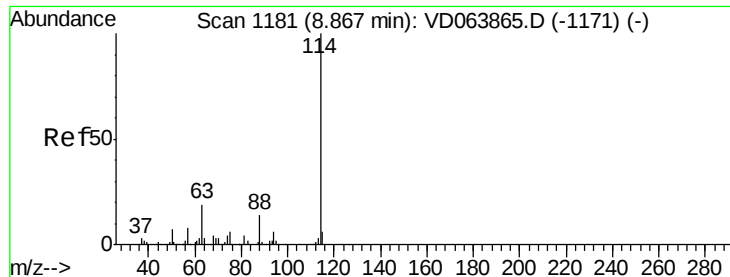
65 100

67 51.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

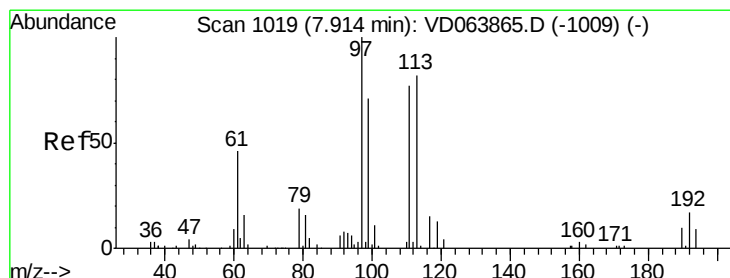
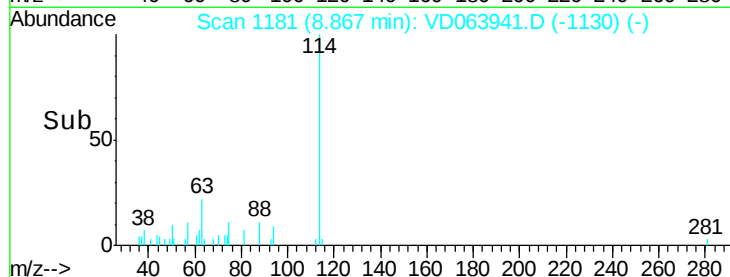
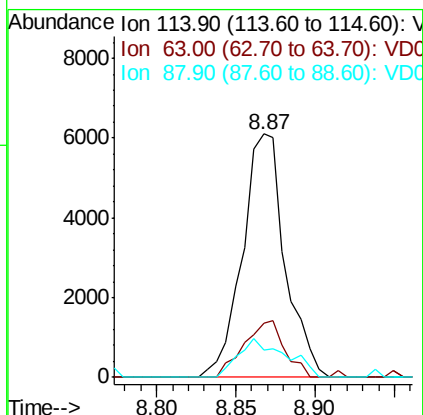
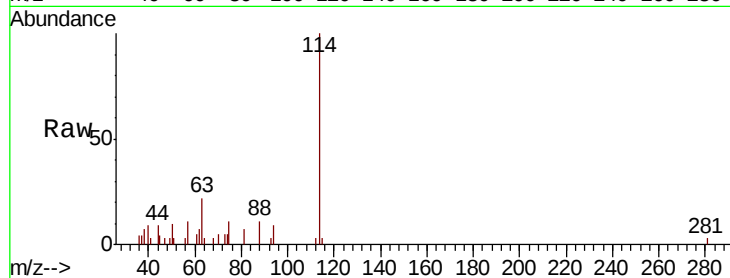




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

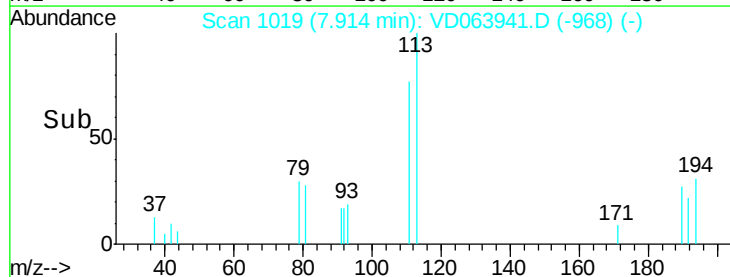
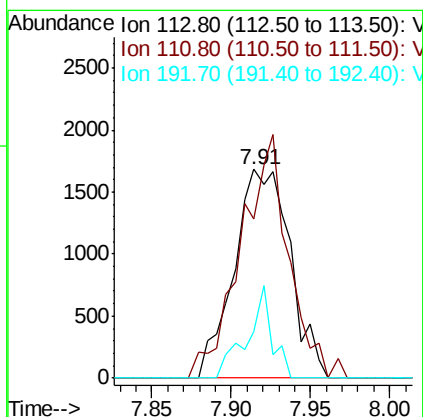
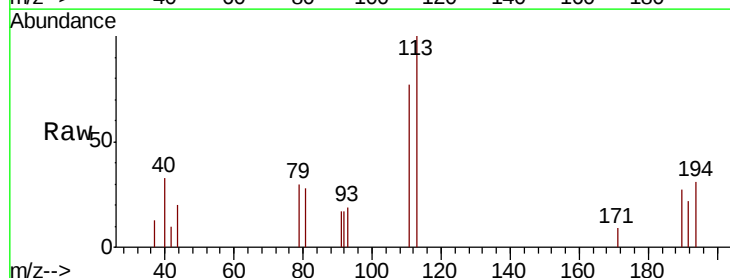
Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-F

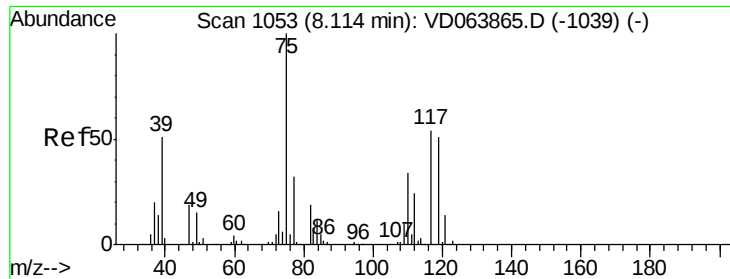
Tot Ion:114 Resp: 11402
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 38.4
 88 11.0 0.0 27.4



#35
 Dibromofluoromethane
 Concen: 59.772 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

Tgt Ion:113 Resp: 4165
 Ion Ratio Lower Upper
 113 100
 111 99.5 82.6 123.8
 192 19.3 17.1 25.7

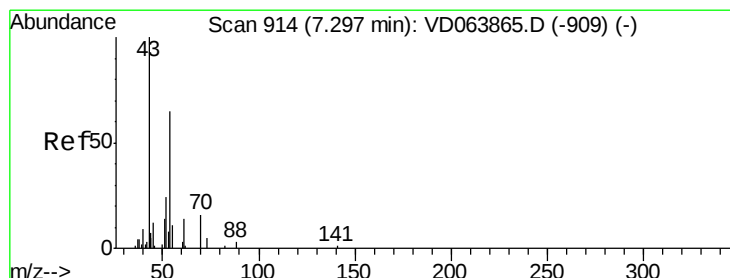
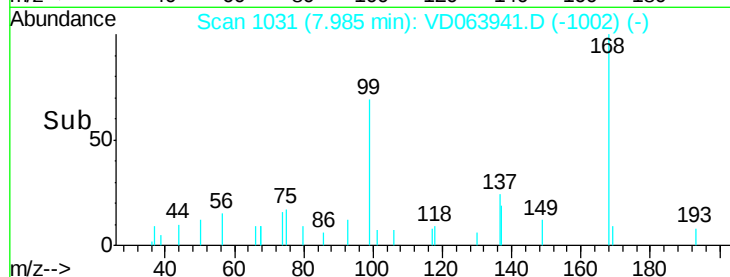
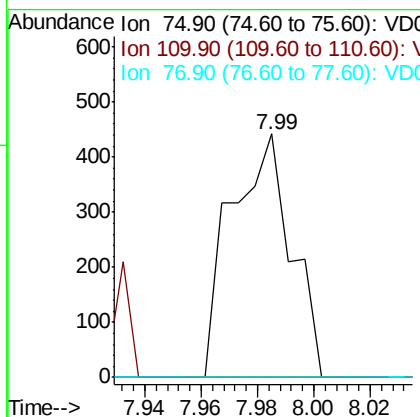
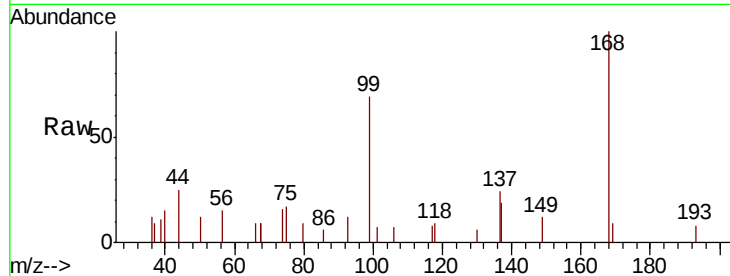




#36
 1,1-Dichloropropene
 Concen: 6.245 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

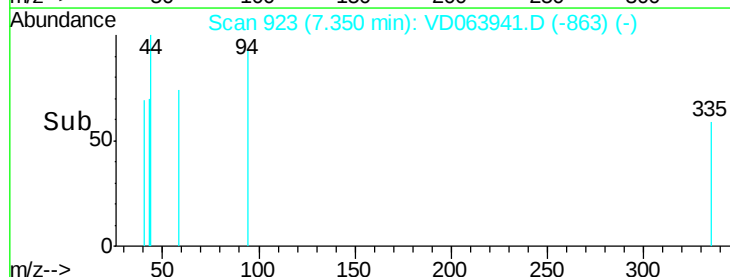
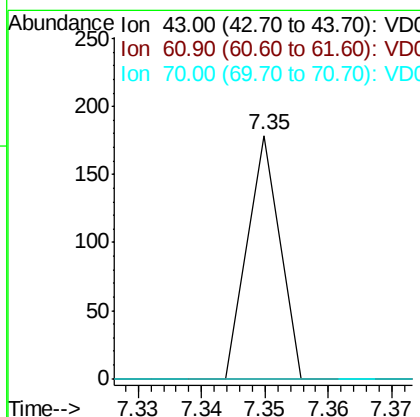
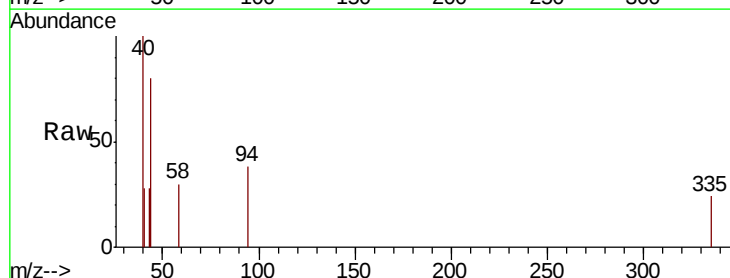
Instrument :
 MSVOA_D
 ClientSampleID :
 10-10-F

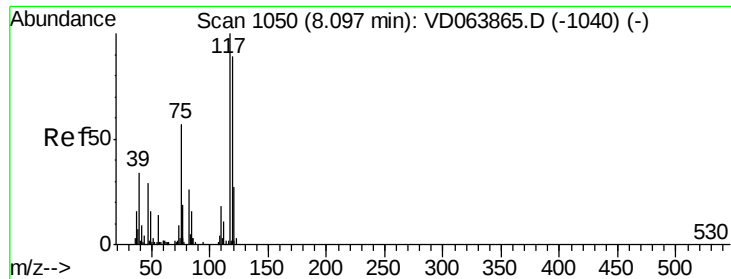
Tot Ion: 75 Resp: 651
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 25.4 38.0#



#37
 Ethyl Acetate
 Concen: Below Cal
 RT: 7.35 min Scan# 923
 Delta R.T. 0.05 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

Tgt Ion: 43 Resp: 63
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 8.2 12.4#

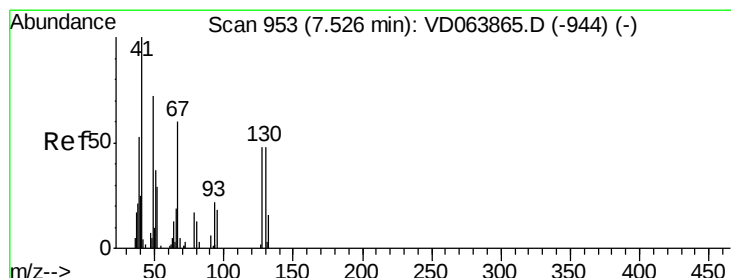
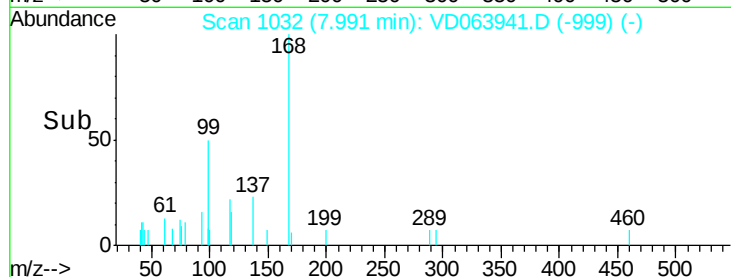
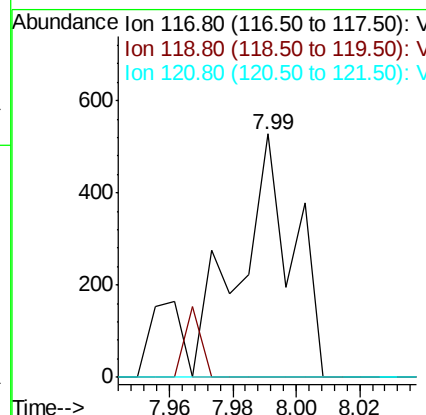
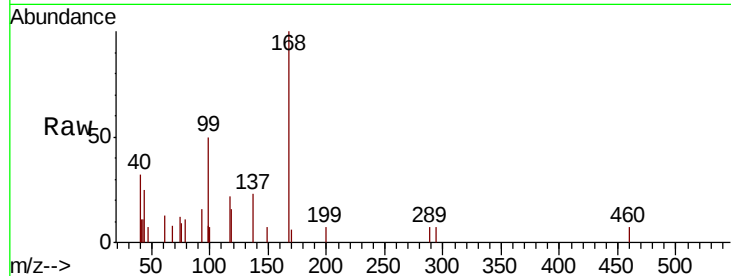




#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD063941.D
Acq: 11 Oct 2019 17:08

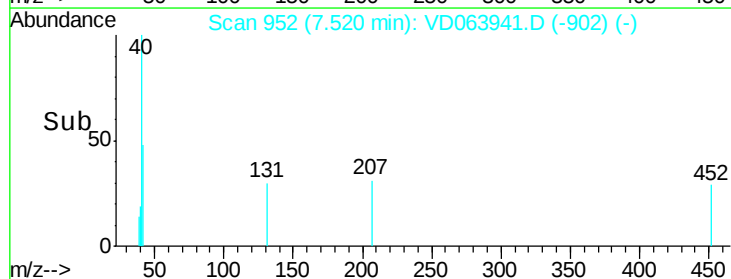
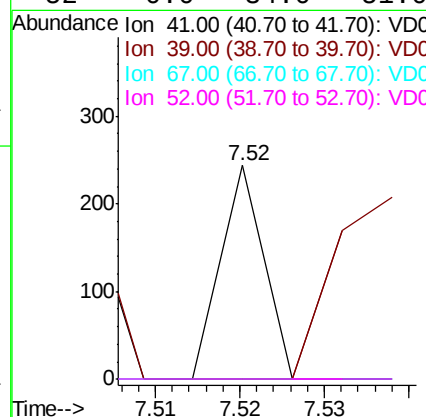
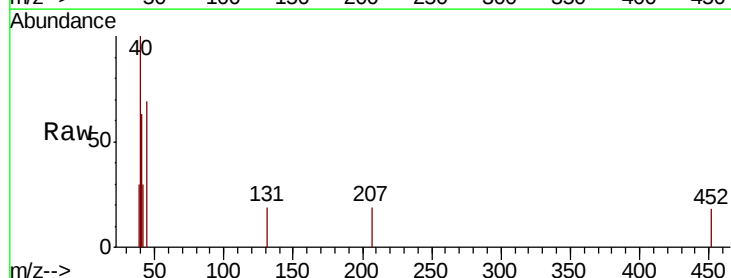
Instrument :
MSVOA_D
ClientSampleId :
10-10-F

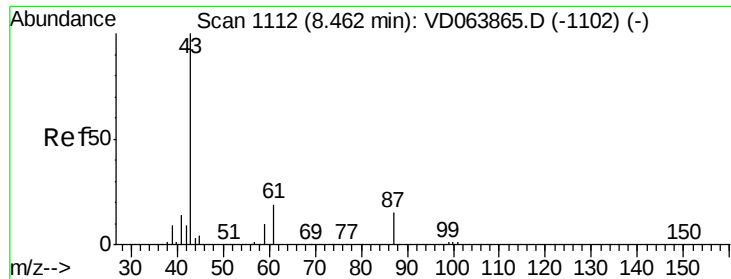
Tot Ion:117 Resp: 628
Ion Ratio Lower Upper
117 100
119 0.0 70.8 106.2#
121 0.0 21.4 32.0#



#41
Methacrylonitrile
Concen: 3.558 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD063941.D
Acq: 11 Oct 2019 17:08

Tgt Ion: 41 Resp: 86
Ion Ratio Lower Upper
41 100
39 0.0 52.6 78.8#
67 0.0 74.2 111.2#
52 0.0 34.0 51.0#





#43

Isopropyl Acetate

Concen: 1.544 ug/l

RT: 8.47 min Scan# 1114

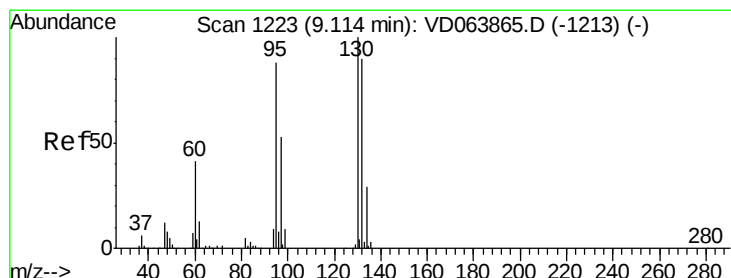
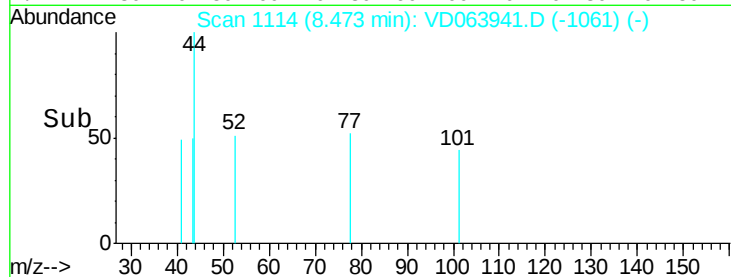
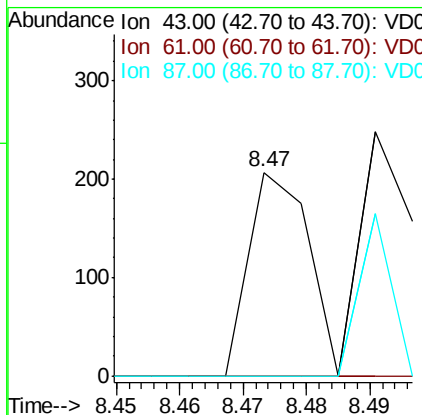
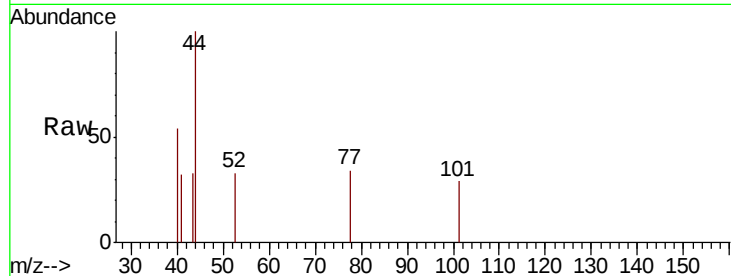
Delta R.T. 0.01 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :
MSVOA_D
ClientSampleId :
10-10-F

Tot Ion:	43	Resp:	135
Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.7	38.5#
87	43.0	11.6	17.4#



#44

Trichloroethene

Concen: 1.114 ug/l

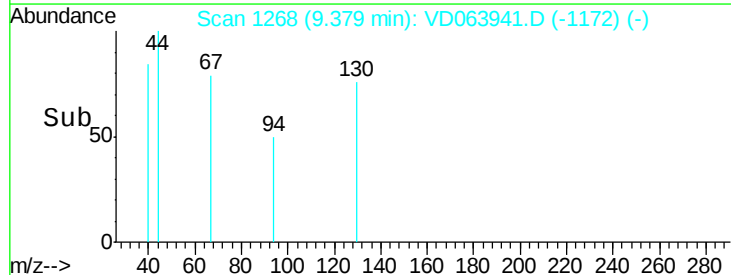
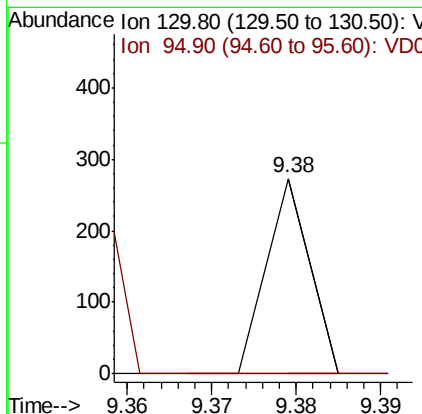
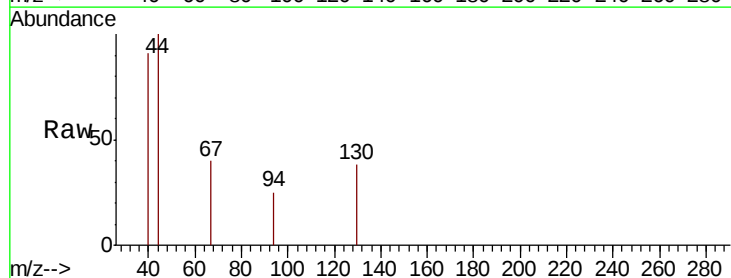
RT: 9.38 min Scan# 1268

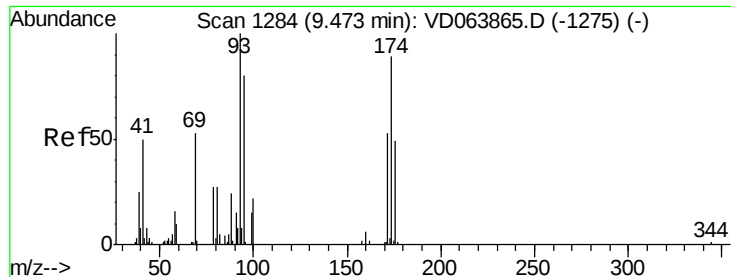
Delta R.T. 0.26 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Tgt Ion:	130	Resp:	96
Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	175.6

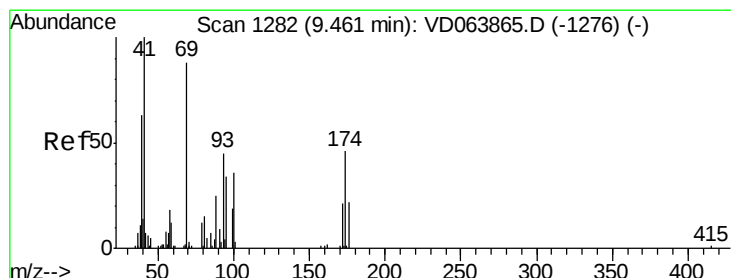
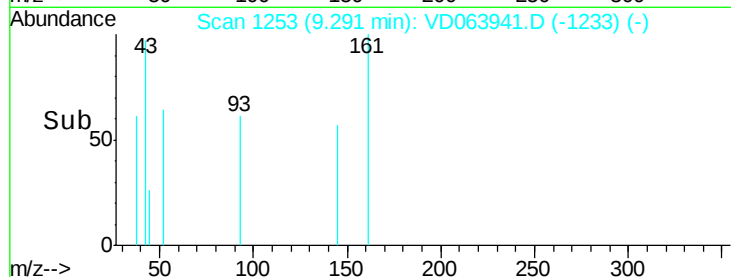
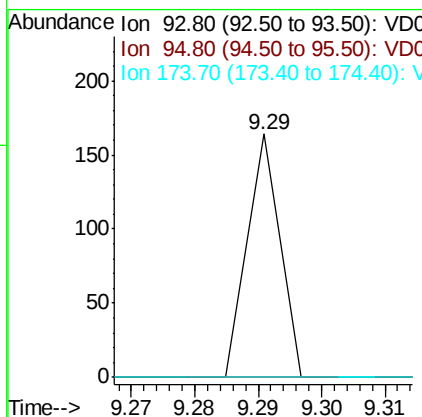
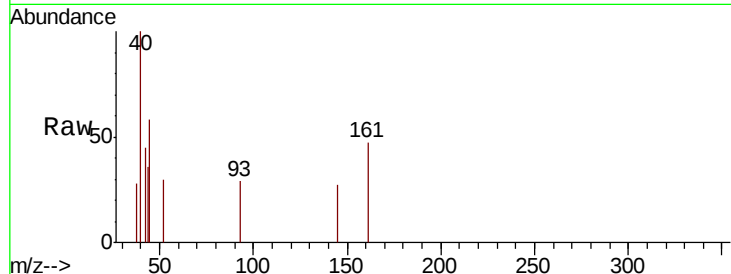




#46
Dibromomethane
Concen: 1.393 ug/l
RT: 9.29 min Scan# 1253
Delta R.T. -0.18 min
Lab File: VD063941.D
Acq: 11 Oct 2019 17:08

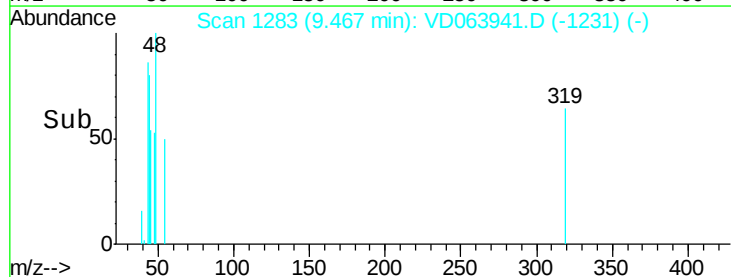
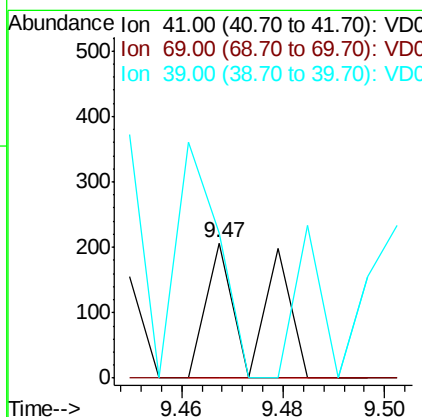
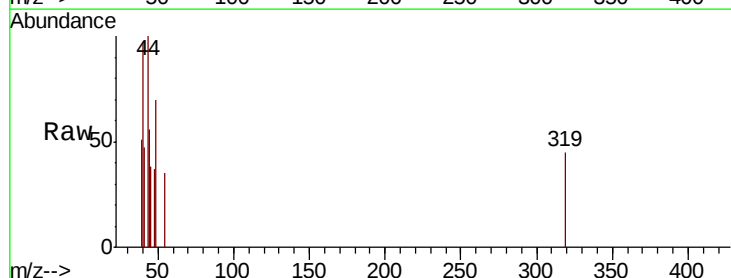
Instrument :
MSVOA_D
ClientSampleId :
10-10-F

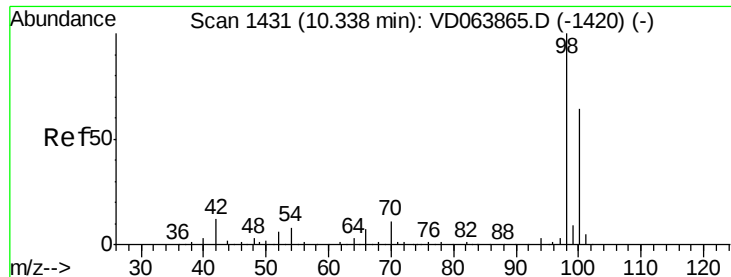
Tot Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.0	99.0#
174	0.0	83.4	125.0#



#48
Methyl methacrylate
Concen: 3.414 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD063941.D
Acq: 11 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	75.1	112.7#
39	143.4	50.2	75.2#





#50

Toluene-d8

Concen: 48.804 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

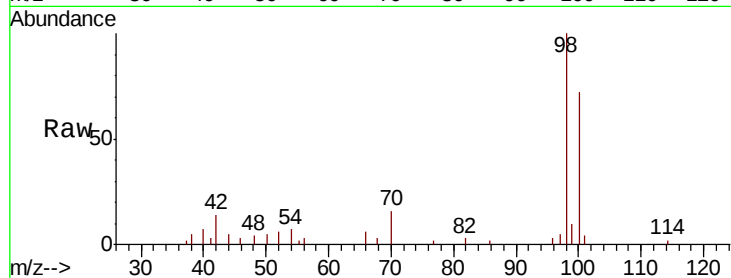
10-10-F

Tot Ion: 98 Resp: 13803

Ion Ratio Lower Upper

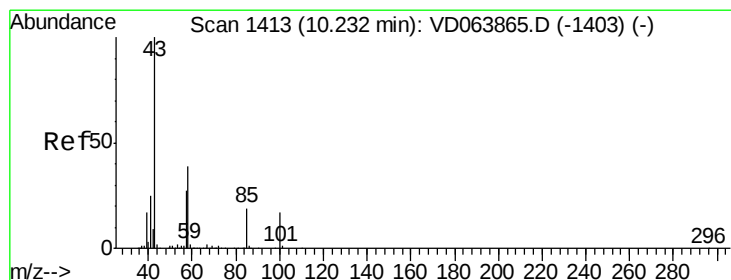
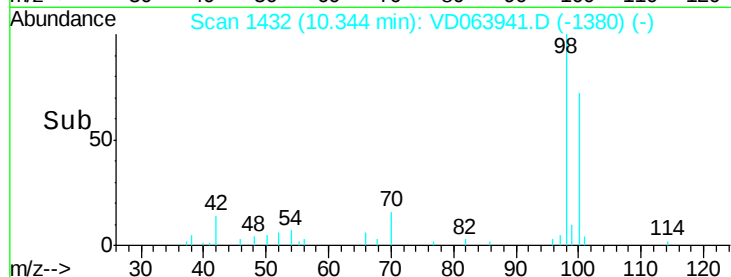
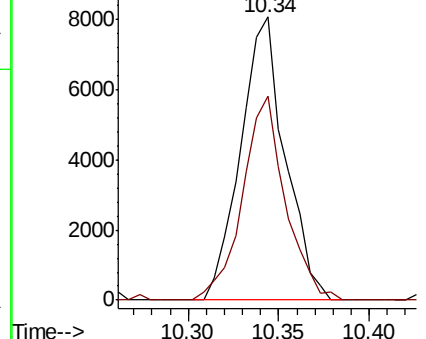
98 100

100 69.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 4.455 ug/l

RT: 10.21 min Scan# 1410

Delta R.T. -0.02 min

Lab File: VD063941.D

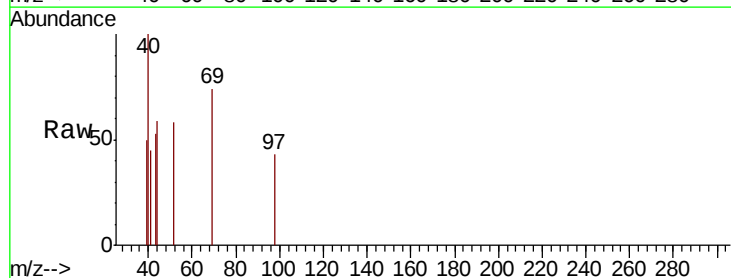
Acq: 11 Oct 2019 17:08

Tgt Ion: 43 Resp: 202

Ion Ratio Lower Upper

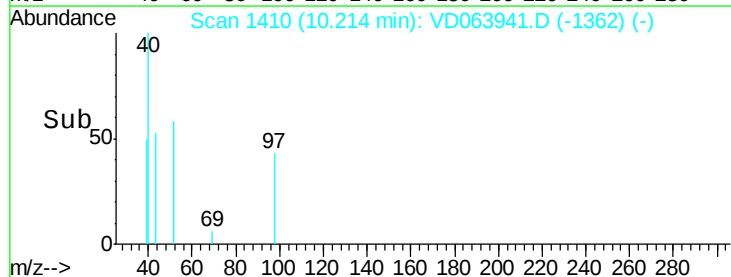
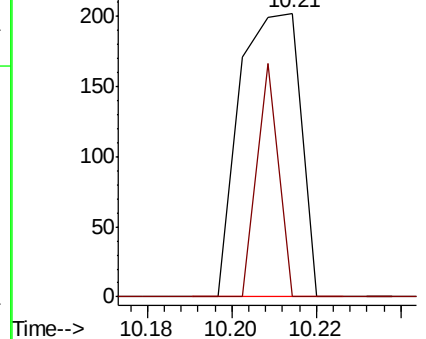
43 100

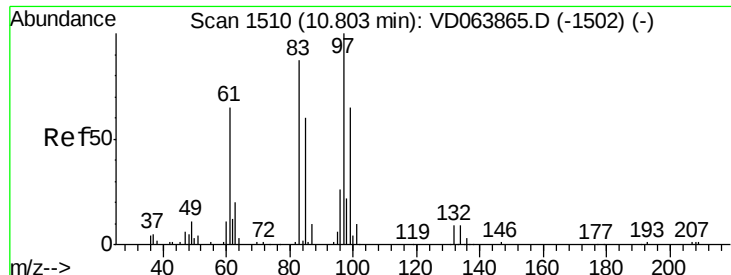
58 29.2 33.0 49.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

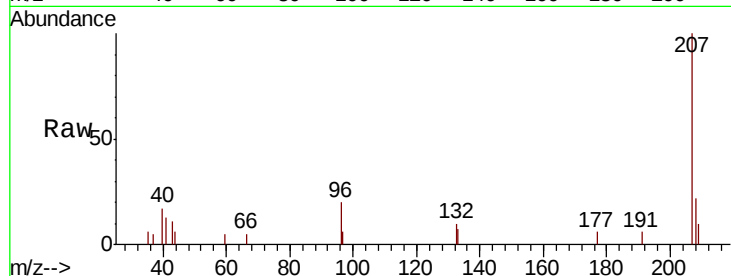




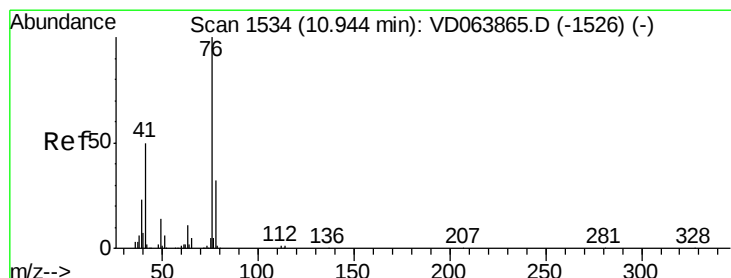
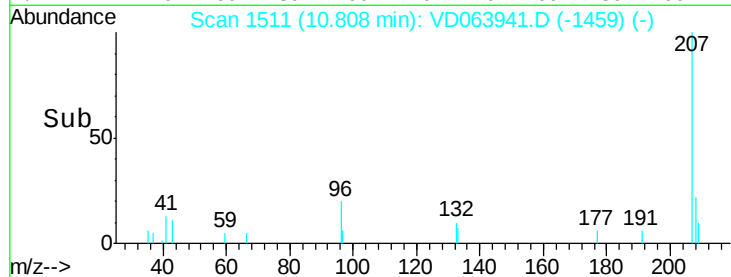
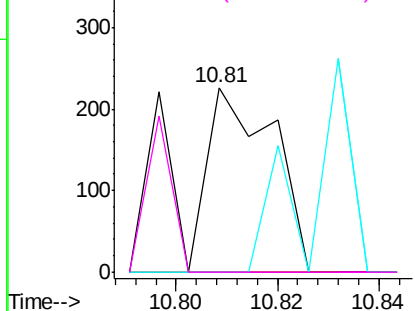
#55
 1,1,2-Trichloroethane
 Concen: 3.486 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-F

Tot Ion: 97 Resp: 205
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.7 104.5#
 85 0.0 48.1 72.1#
 99 0.0 51.9 77.9#

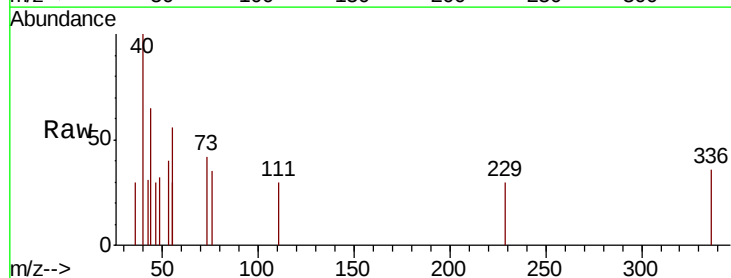


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

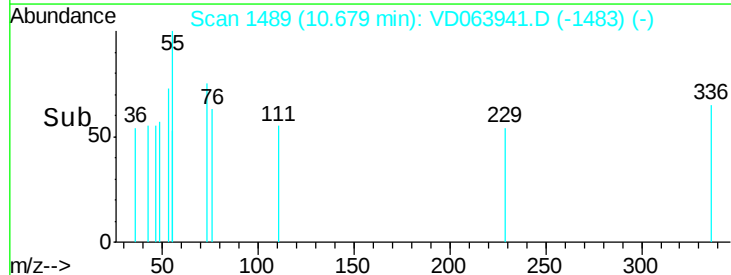
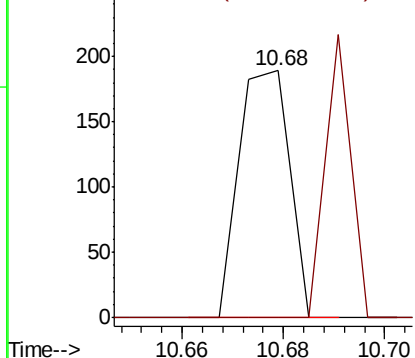


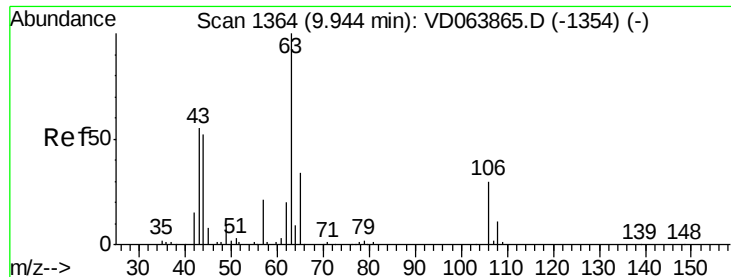
#57
 1,3-Dichloropropane
 Concen: 1.302 ug/l
 RT: 10.68 min Scan# 1489
 Delta R.T. -0.26 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

Tgt Ion: 76 Resp: 131
 Ion Ratio Lower Upper
 76 100
 78 58.8 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VDC
 Ion 77.90 (77.60 to 78.60): VDC

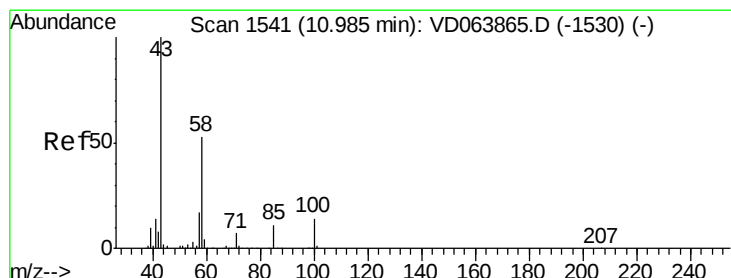
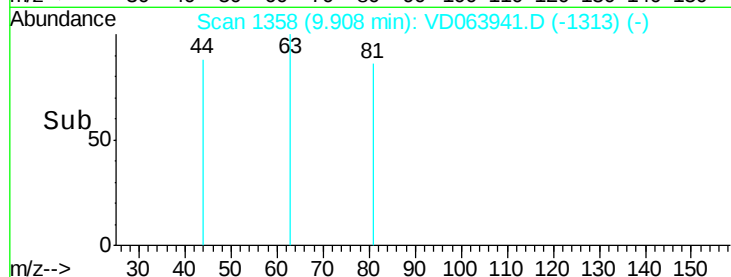
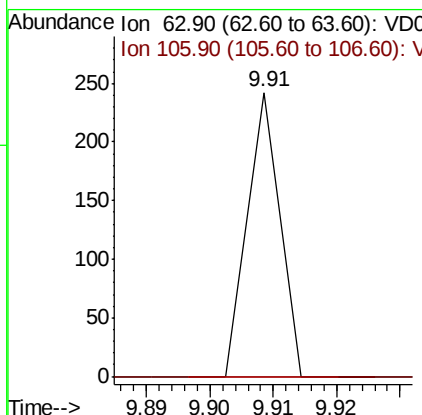
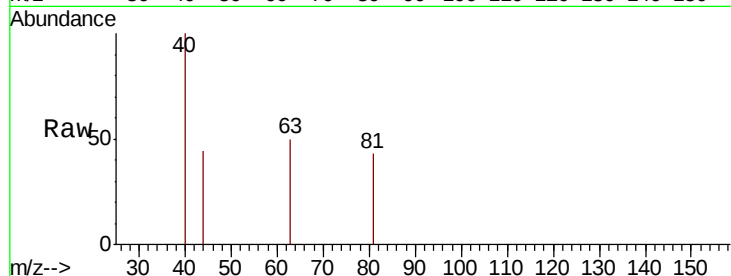




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.656 ug/l
 RT: 9.91 min Scan# 1358
 Delta R.T. -0.04 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

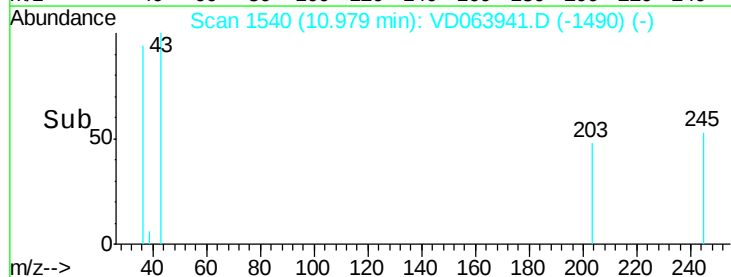
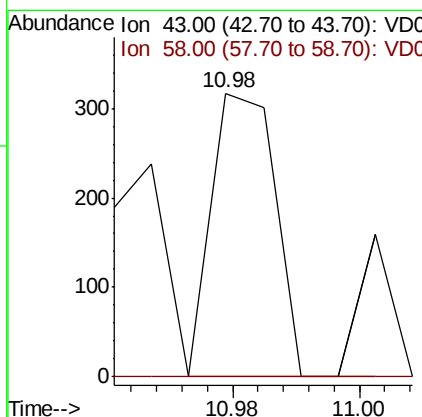
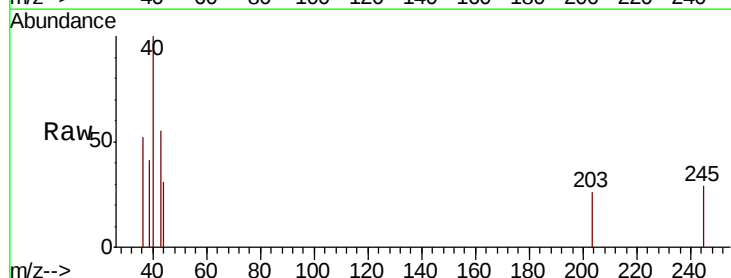
Instrument :
 MSVOA_D
 ClientSampled :
 10-10-F

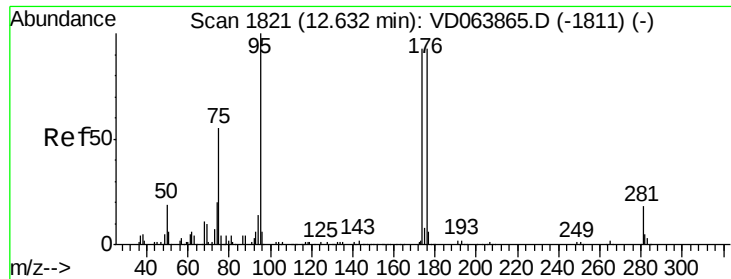
Tot Ion: 63 Resp: 85
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.3 36.5#



#59
 2-Hexanone
 Concen: 6.646 ug/l
 RT: 10.98 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: VD063941.D
 Acq: 11 Oct 2019 17:08

Tgt Ion: 43 Resp: 218
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.7 83.0#





#62

4-Bromofluorobenzene

Concen: 46.601 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

10-10-F

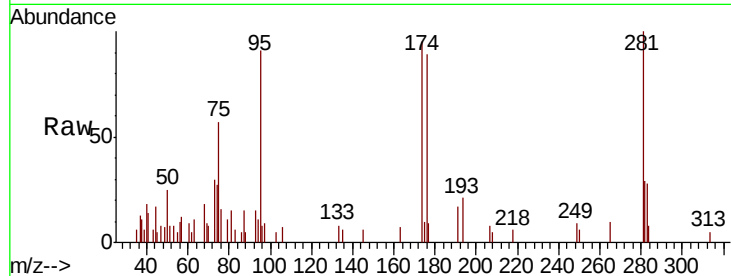
Tot Ion: 95 Resp: 4580

Ion Ratio Lower Upper

95 100

174 104.2 0.0 186.4

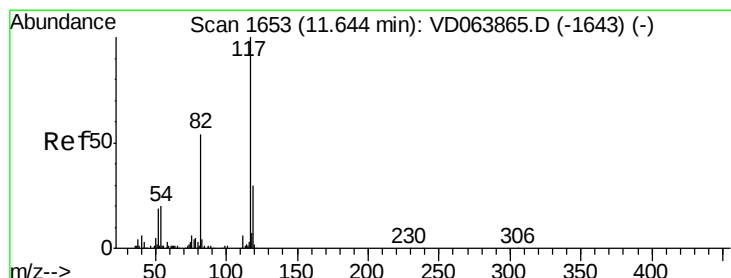
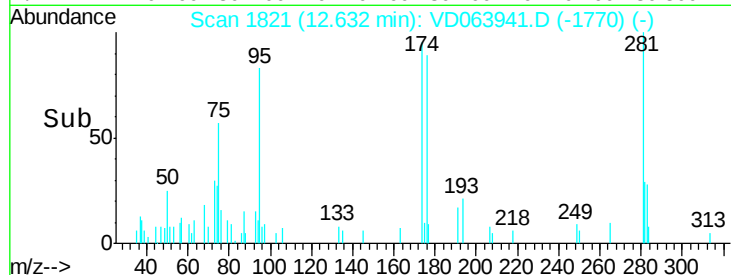
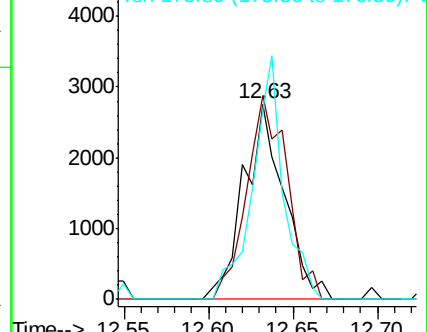
176 95.6 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

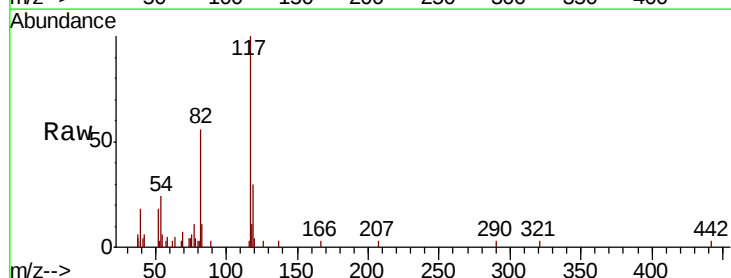
Tgt Ion: 117 Resp: 10850

Ion Ratio Lower Upper

117 100

82 56.1 42.8 64.2

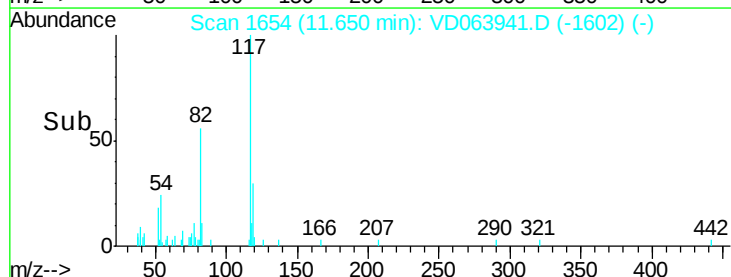
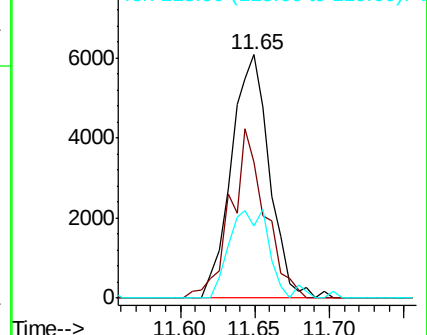
119 29.9 24.4 36.6

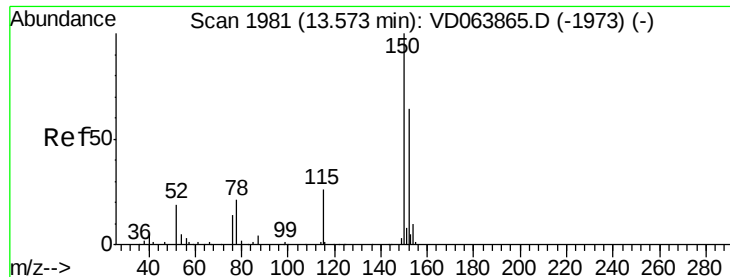


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

10-10-F

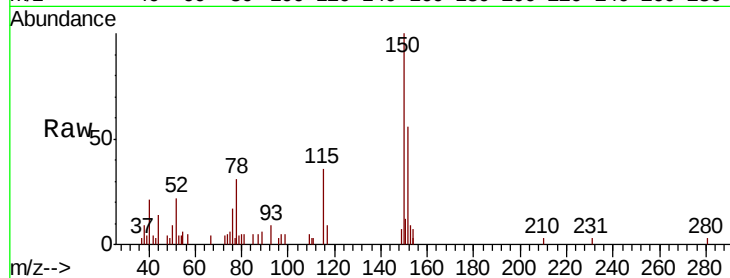
Tot Ion:152 Resp: 5503

Ion Ratio Lower Upper

152 100

115 56.6 25.9 77.7

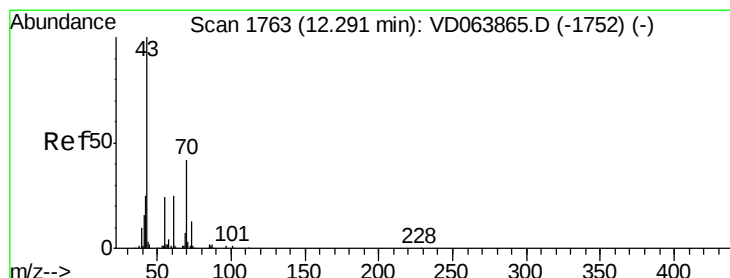
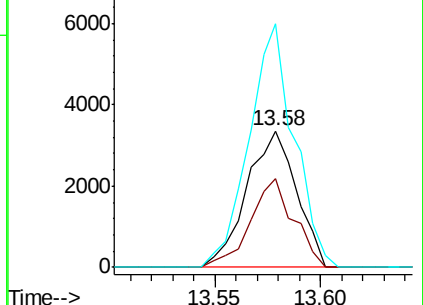
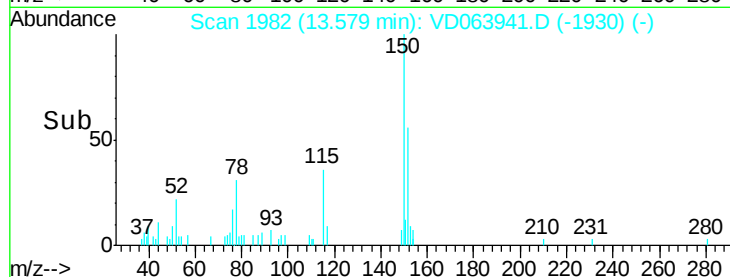
150 161.6 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 5.612 ug/l

RT: 12.28 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Tgt Ion: 43 Resp: 447

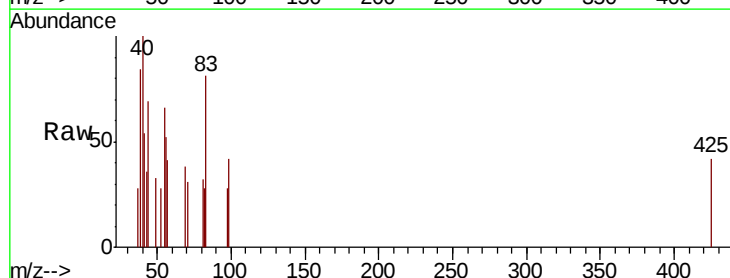
Ion Ratio Lower Upper

43 100

70 46.3 35.8 53.6

55 0.0 19.4 29.0#

61 0.0 20.4 30.6#

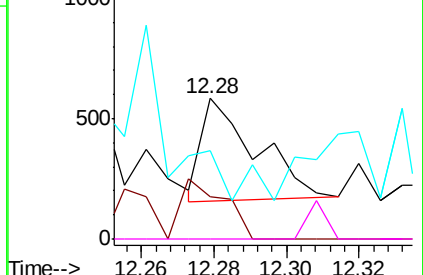
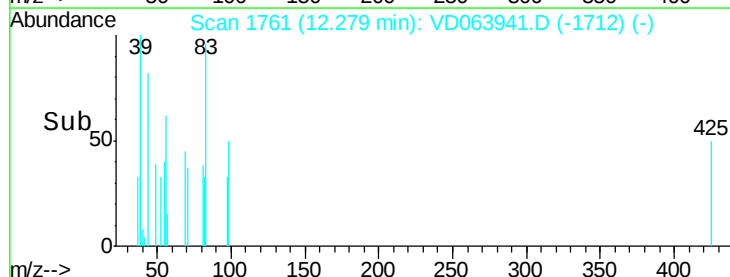


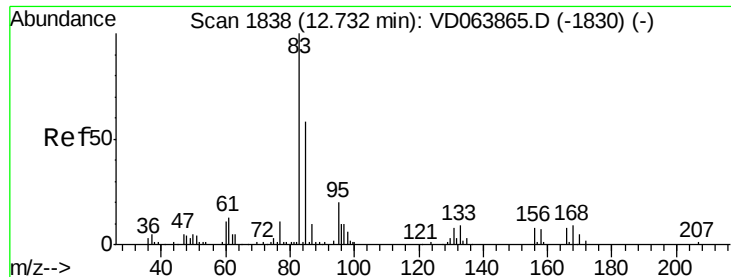
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 3.122 ug/l

RT: 12.73 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampleID :

10-10-F

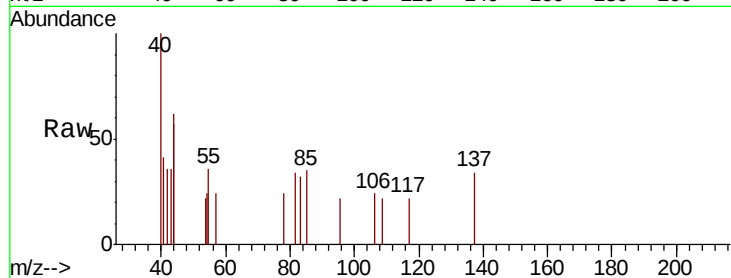
Tot Ion: 83 Resp: 201

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

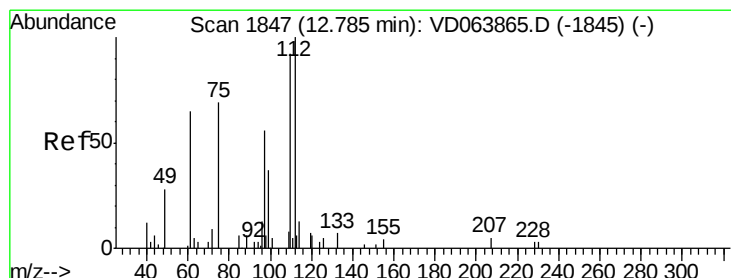
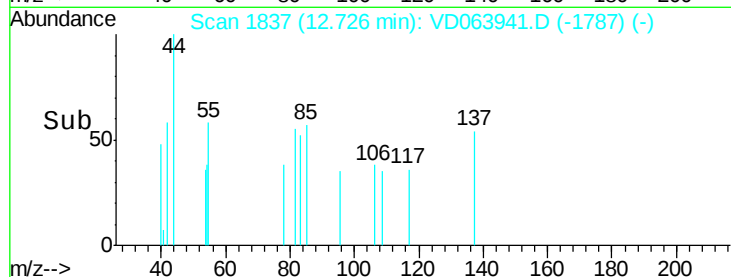
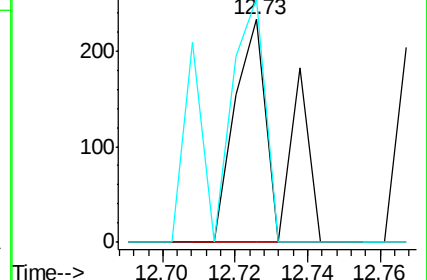
85 115.9 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 83.809 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD063941.D

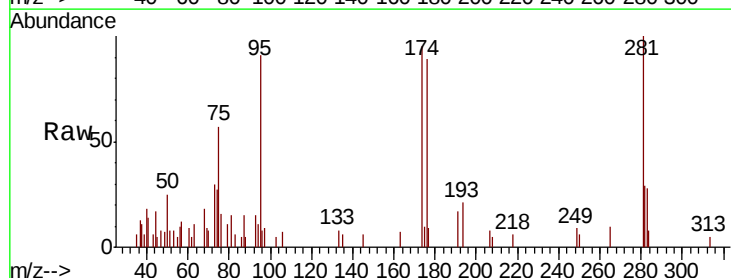
Acq: 11 Oct 2019 17:08

Tgt Ion: 75 Resp: 3089

Ion Ratio Lower Upper

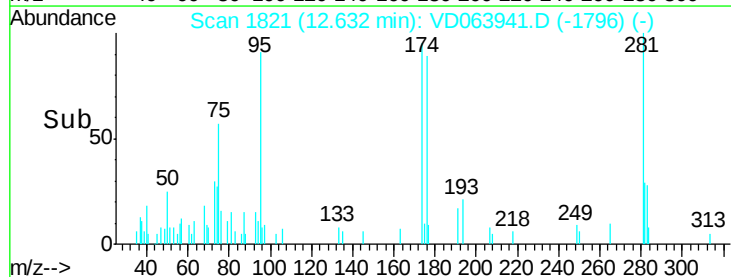
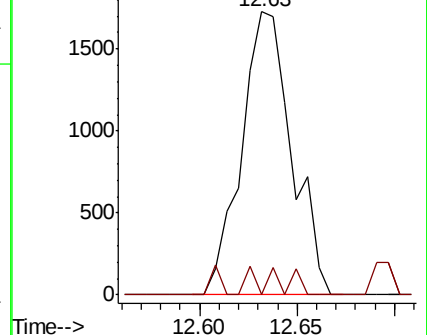
75 100

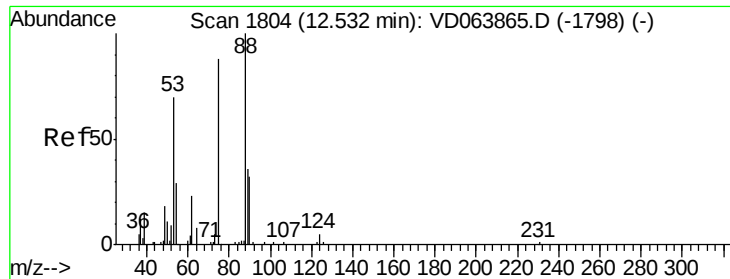
77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 148.308 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Instrument :

MSVOA_D

ClientSampleId :

10-10-F

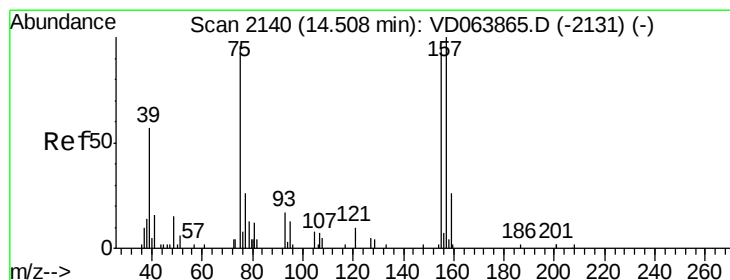
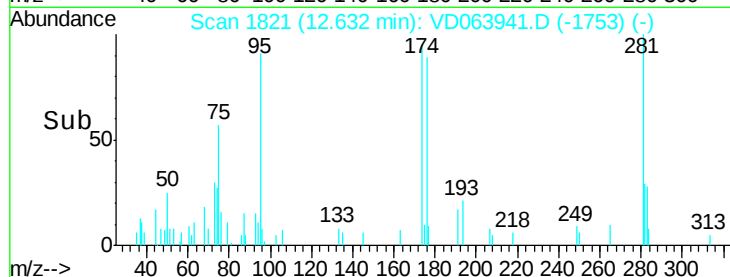
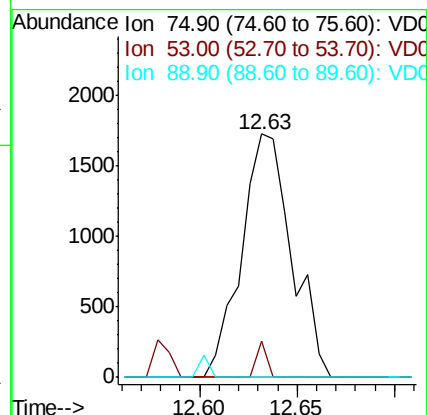
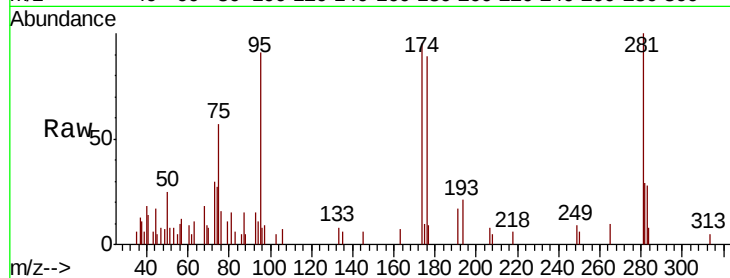
Tot Ion: 75 Resp: 3089

Ion Ratio Lower Upper

75 100

53 2.9 75.0 112.6#

89 0.0 38.2 57.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.248 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VD063941.D

Acq: 11 Oct 2019 17:08

Tgt Ion: 75 Resp: 84

Ion Ratio Lower Upper

75 100

155 70.2 43.9 131.6

157 0.0 56.0 167.9#

